

Converting Colors

$Y_{xy}(100.0000, 0.3537, 0.3315)$

Have a look what the booklet for
Yxy(100.0000, 0.3537, 0.3315)
contains.

Yxy(90.4026, 0.3232, 0.3310)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.4026, 0.3232, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1EF
RGB	255, 241, 239
RGB Percent	100%, 95%, 94%
CMY	0.0000, 0.0549, 0.0628
CMYK	0.00, 0.05, 0.06, 0.00
HSL	8°, 100%, 97%
HSV	8°, 6%, 100%
XYZ	88.2723, 90.4026, 94.4448
YIQ	244.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

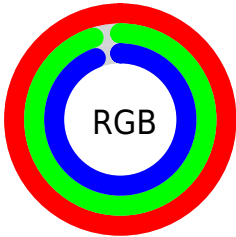
Format	Color
RYB	255, 241, 239
Decimal	16773615
CIELab	96.16, 4.36, 2.65
CIElCh	96, 5.104, 31.254
Yxy	90.4026, 0.3232, 0.3310
Android (android.graphics.Color)	4294963695 (0xFFFFF1EF)
YUV	244.9580, -2.9373, 8.8068
Hunter-Lab	95.0803, -0.6716, 7.6625

Details

The Yxy color **90.4026, 0.3232, 0.3310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.8014, 0.3029, 0.3270**, and the grayscale version is **91.2954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.1226, 0.3253, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **76.6124, 0.3430, 0.3344**, and if you desaturate by 10%, it is **99.9996, 0.3127, 0.3290**.

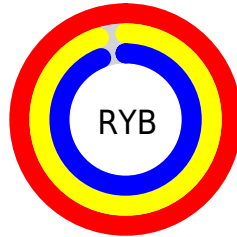
Distribution



Red (100%)

Green (95%)

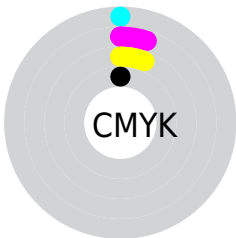
Blue (94%)



Red (100%)

Yellow (95%)

Blue (94%)

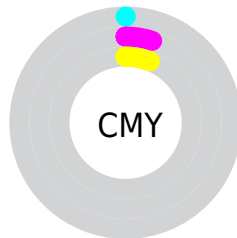


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (5%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.4026, 0.3232, 0.3310 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 90.4026, 0.3232, 0.3310 by changing the saturation by 10% instead.


 90.4026, 0.3232,
0.3310

 90.4026, 0.3232,
0.3310


529.3396, 0.3185,
0.3301

 68.3146, 0.3242,
0.3312

147.8975, 0.3216,
0.3307

 50.1537, 0.3255,
0.3314


184.0732, 0.3210,
0.3306

 35.5356, 0.3270,
0.3317


225.7136, 0.3204,
0.3305

 24.0757, 0.3290,
0.3320

273.2030, 0.3200,
0.3304

 15.3898, 0.3317,
0.3325

326.9260, 0.3195,
0.3303

 9.0934, 0.3354,
0.3331

387.2668, 0.3192,

 4.8022, 0.3408,

0.3303

0.3339

454.6099, 0.3188,
0.3302

■ 2.1317, 0.3496,
0.3352

■ 0.6823, 0.3784,
0.3420

■ 90.4026, 0.3232,
0.3310

■ 90.4026, 0.3232,
0.3310

■ 76.6124, 0.3430,
0.3344

99.9996, 0.3127,
0.3290

■ 64.5765, 0.3672,
0.3380

■ 54.2281, 0.3967,
0.3416

■ 45.4915, 0.4319,
0.3449

■ 38.2853, 0.4726,
0.3475

■ 32.5209, 0.5169,
0.3487

■ 28.1006, 0.5609,
0.3478

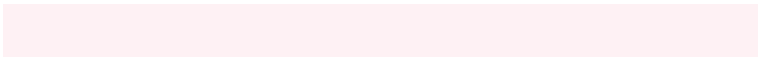
■ 24.9143, 0.5987,
0.3444

■ 22.8339, 0.6245,
0.3390

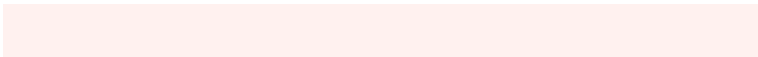
Harmonies

Analogous

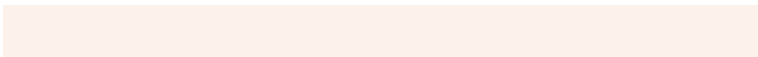
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4026, 0.3197, 0.3260



90.4026, 0.3232, 0.3310



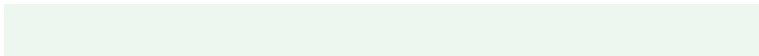
90.4026, 0.3238, 0.3356

Triad

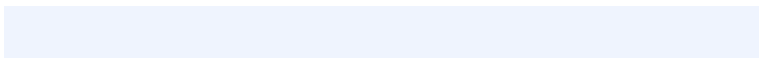
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4026, 0.3232, 0.3310



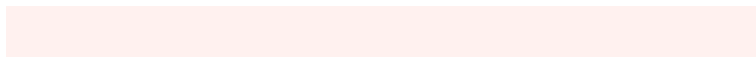
90.4026, 0.3110, 0.3364



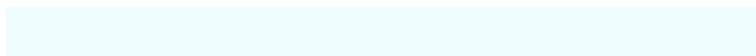
90.4026, 0.3040, 0.3196

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



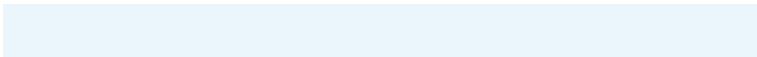
90.4026, 0.3232, 0.3310



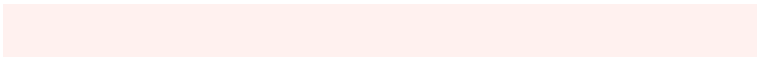
95.8014, 0.3029, 0.3270

Split Complementary

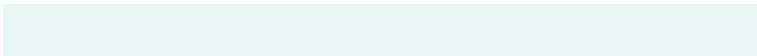
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4026, 0.3017, 0.3223



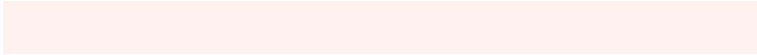
90.4026, 0.3232, 0.3310



90.4026, 0.3057, 0.3321

Square

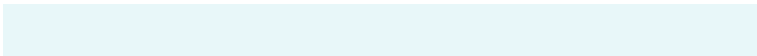
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.4026, 0.3232, 0.3310



90.4026, 0.3167, 0.3388



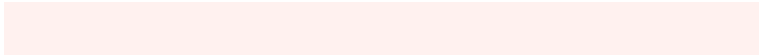
90.4026, 0.3024, 0.3269



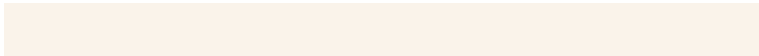
90.4026, 0.3086, 0.3195

Rectangle

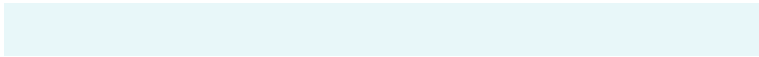
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



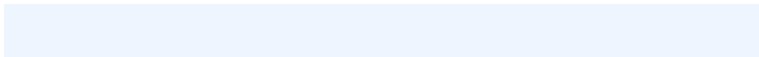
90.4026, 0.3232, 0.3310



90.4026, 0.3226, 0.3377



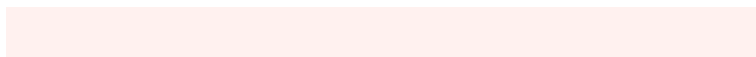
90.4026, 0.3024, 0.3269



90.4026, 0.3030, 0.3203

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90.4065, 0.3232, 0.3310



96.8662, 0.3159, 0.3296



90.0834, 0.3146, 0.3154



20.7662, 0.3157, 0.3296



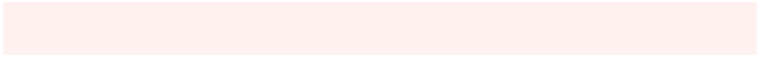
0.0000, 0.0000, 0.0000



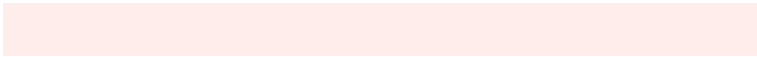
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4065, 0.3232, 0.3310



87.9074, 0.3263, 0.3316



95.1550, 0.3225, 0.3386



18.3570, 0.3291, 0.3321



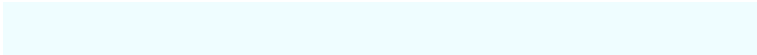
11.7696, 0.6293, 0.3385



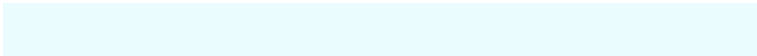
1.2566, 0.6123, 0.3520

Inverse Universe

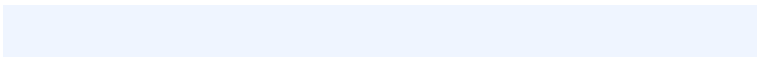
The Inverse Universe completely reimagines the original color for something new.



95.8014, 0.3029, 0.3270



94.6994, 0.3003, 0.3264



90.9469, 0.3030, 0.3192



20.0663, 0.2980, 0.3259



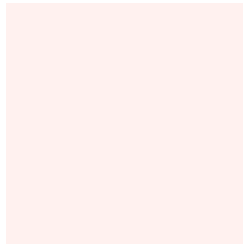
31.4350, 0.2135, 0.2885



3.1657, 0.2149, 0.2935

Previews

White Background



This preview shows how the Yxy color 90.4026, 0.3232, 0.3310 looks on a white background.

Color Contrast Check

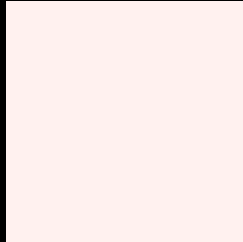
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 90.4026, 0.3232, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

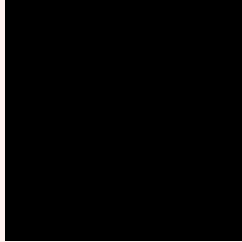
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

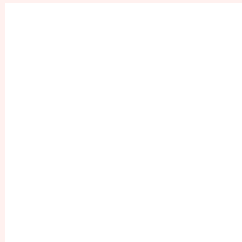
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4026, 0.3232, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 90.4026, 0.3232, 0.3310.

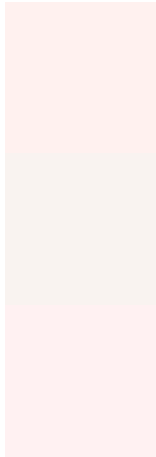


This preview shows how white text looks on a background with the Yxy color 90.4026, 0.3232, 0.3310.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

90.4026, 0.3232, 0.3310

Protanopia

90.5322, 0.3185, 0.3320

Deuteranopia

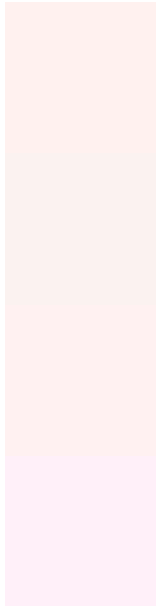
90.5814, 0.3213, 0.3281



Tritanopia

90.1488, 0.3140, 0.3146

Trichromacy



Original Color

90.4026, 0.3232, 0.3310

Protanomaly

90.3048, 0.3198, 0.3310

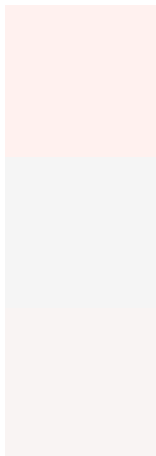
Deuteranomaly

90.5215, 0.3219, 0.3290

Tritanomaly

90.4197, 0.3171, 0.3203

Monochromacy



Original Color

90.4026, 0.3232, 0.3310

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3122, 0.3166, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4026, 0.3232, 0.3310 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 239) }
```

Border

The CSS property to change the border of an element to Yxy 90.4026, 0.3232, 0.3310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 241, 239) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 241, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4026, 0.3232, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
241, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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