

Converting Colors

$Y_{xy}(90.0375, 0.3191, 0.3232)$

Have a look what the booklet for
Yxy(90.0375, 0.3191, 0.3232)
contains.

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Color

Yxy(90.2340, 0.3189, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F6
RGB	255, 240, 246
RGB Percent	100%, 94%, 96%
CMY	0.0000, 0.0588, 0.0352
CMYK	0.00, 0.06, 0.04, 0.00
HSL	336°, 100%, 97%
HSV	336°, 6%, 100%
XYZ	89.0335, 90.2340, 99.9219
YIQ	245.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

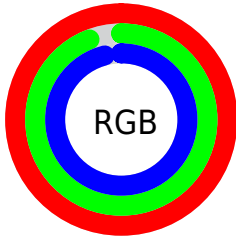
Format	Color
R_{YB}	255, 240, 246
Decimal	16773366
CIE _{Lab}	96.09, 6.06, -1.09
CIE _{LCh}	96, 6.159, 349.803
Yxy	90.2340, 0.3189, 0.3232
Android (android.graphics.Color)	4294963446 (0xFFFFF0F6)
YUV	245.1690, 0.4097, 8.6218
Hunter-Lab	94.9916, 1.0688, 4.1268

Details

The Yxy color 90.2340, 0.3189, 0.3232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.8805, 0.3069, 0.3349, and the grayscale version is 91.4484, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.0045, 0.3198, 0.3216 is the 20% darker color. If you saturate the color by 10%, you get 75.3639, 0.3312, 0.3128, and if you desaturate by 10%, it is 99.9985, 0.3127, 0.3290.

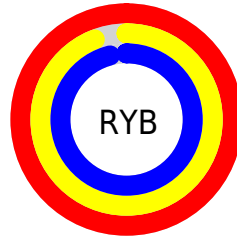
Distribution



Red (100%)

Green (94%)

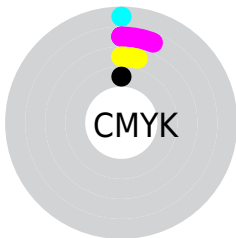
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

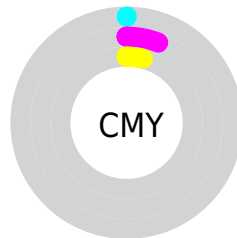


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.2340, 0.3189, 0.3232 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 90.2340, 0.3189, 0.3232 by changing the saturation by 10% instead.


 90.2340, 0.3189,
0.3232

 90.2340, 0.3189,
0.3232


528.7917, 0.3162,
0.3258

 68.1747, 0.3195,
0.3226


147.6634, 0.3180,
0.3241

 50.0399, 0.3202,
0.3219


183.8023, 0.3176,
0.3244

 35.4451, 0.3211,
0.3211

225.4032, 0.3173,
0.3247

 24.0059, 0.3223,
0.3200

272.8505, 0.3170,
0.3250

 15.3380, 0.3238,
0.3186

326.5287, 0.3168,
0.3252

 9.0570, 0.3260,
0.3166

386.8220, 0.3165,

 4.7784, 0.3291,

0.3254

0.3137

454.1149, 0.3163,
0.3256

■ 2.1178, 0.3341,
0.3091

■ 0.6746, 0.3470,
0.2966

■ 90.2340, 0.3189,
0.3232

■ 90.2340, 0.3189,
0.3232

■ 75.3639, 0.3312,
0.3128

99.9985, 0.3127,
0.3290

■ 62.5873, 0.3463,
0.3020

■ 51.8125, 0.3644,
0.2911

■ 42.9367, 0.3860,
0.2806

■ 35.8476, 0.4113,
0.2715

■ 30.4209, 0.4398,
0.2649

■ 26.5165, 0.4705,
0.2621

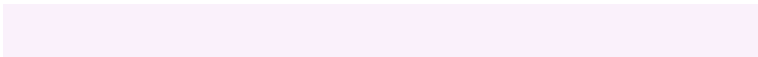
■ 23.9704, 0.5017,
0.2643

■ 22.5799, 0.5310,
0.2720

Harmonies

Analogous

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



90.2340, 0.3120, 0.3189



90.2340, 0.3189, 0.3232



90.2340, 0.3241, 0.3291

Triad

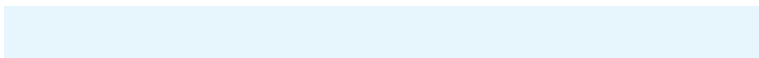
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2340, 0.3189, 0.3232



90.2340, 0.3200, 0.3411



90.2340, 0.2993, 0.3228

Complementary

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



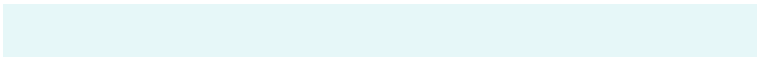
90.2340, 0.3189, 0.3232



96.8805, 0.3069, 0.3349

Split Complementary

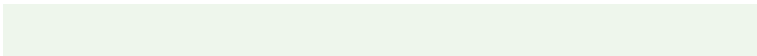
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2340, 0.3014, 0.3288



90.2340, 0.3189, 0.3232



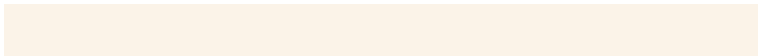
90.2340, 0.3133, 0.3394

Square

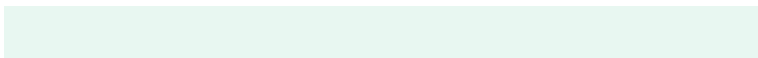
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



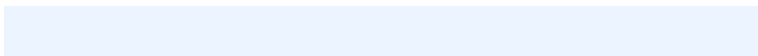
90.2340, 0.3189, 0.3232



90.2340, 0.3248, 0.3394



90.2340, 0.3065, 0.3349



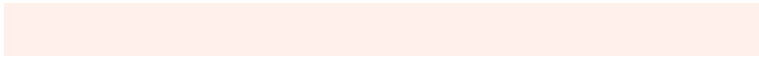
90.2340, 0.3008, 0.3186

Rectangle

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



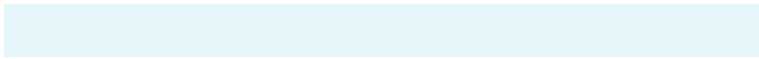
90.2340, 0.3189, 0.3232



90.2340, 0.3260, 0.3331



90.2340, 0.3065, 0.3349



90.2340, 0.2996, 0.3247

Sweetspot

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



90.2379, 0.3189, 0.3232



96.5938, 0.3147, 0.3271



89.6379, 0.3093, 0.3144



20.7107, 0.3146, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

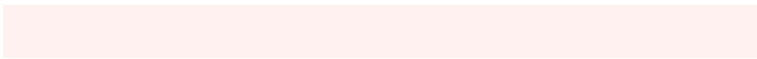
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2379, 0.3189, 0.3232



88.4653, 0.3202, 0.3221



90.6129, 0.3225, 0.3302



18.7331, 0.3209, 0.3215



11.6395, 0.5381, 0.2738



1.1542, 0.5080, 0.2572

Inverse Universe

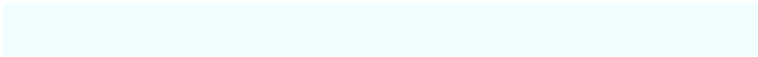
The Inverse Universe completely reimagines the original color for something new.



90.2379, 0.3189, 0.3232



88.4653, 0.3202, 0.3221



96.4671, 0.3036, 0.3278



18.7331, 0.3209, 0.3215



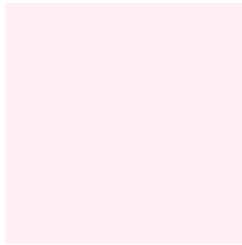
11.6395, 0.5381, 0.2738



1.1542, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 90.2340, 0.3189, 0.3232 looks on a white background.

Color Contrast Check

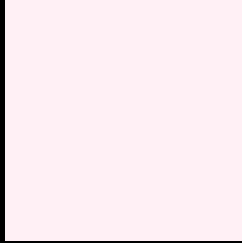
Large Text (above 18pt) WCAG AA × Fail

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 90.2340, 0.3189, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

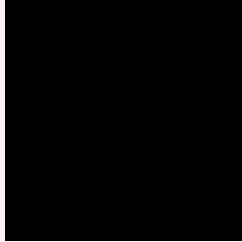
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.2340, 0.3189, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 90.2340, 0.3189, 0.3232.

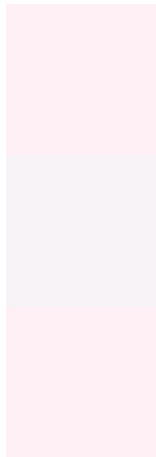


This preview shows how white text looks on a background with the Yxy color 90.2340, 0.3189, 0.3232.

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

90.2340, 0.3189, 0.3232

Protanopia

90.5907, 0.3129, 0.3251

Deuteranopia

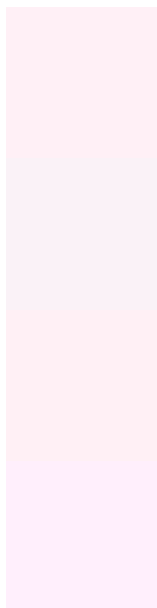
90.1727, 0.3195, 0.3242



Tritanopia

90.2130, 0.3134, 0.3136

Trichromacy



Original Color

90.2340, 0.3189, 0.3232

Protanomaly

90.5437, 0.3149, 0.3241

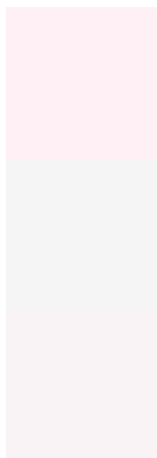
Deuteranomaly

90.1727, 0.3195, 0.3242

Tritanomaly

90.0213, 0.3153, 0.3165

Monochromacy



Original Color

90.2340, 0.3189, 0.3232

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

90.8335, 0.3154, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2340, 0.3189, 0.3232 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, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 246)  
}
```

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, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 246) }
```

Border

The CSS property to change the border of an element to Yxy 90.2340, 0.3189, 0.3232 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, 240, 246) }
```

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

```
.border{ border-color:rgb(255, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2340, 0.3189, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 246) }
```

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

```
.background{ background-color: rgb(255,  
240, 246) }
```

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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