

Converting Colors

$Y_{xy}(91.2285, 0.3173, 0.3337)$

Have a look what the booklet for
Yxy(91.2285, 0.3173, 0.3337)
contains.

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Color

Yxy(91.3702, 0.3170, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	F7F5F0
RGB	247, 245, 240
RGB Percent	97%, 96%, 94%
CMY	0.0313, 0.0392, 0.0587
CMYK	0.00, 0.01, 0.03, 0.03
HSL	43°, 30%, 96%
HSV	43°, 3%, 97%
XYZ	86.7456, 91.3702, 95.5296
YIQ	245.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

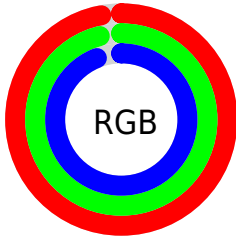
Format	Color
R _Y B	243, 247, 240
Decimal	16250352
CIE Lab	96.56, -0.18, 2.61
CIE LCh	97, 2.614, 94.047
Yxy	91.3702, 0.3170, 0.3339
Android (android.graphics.Color)	4294440432 (0xFF7F5F0)
YUV	245.0280, -2.4788, 1.7294
Hunter-Lab	95.5878, -5.2904, 7.6575

Details

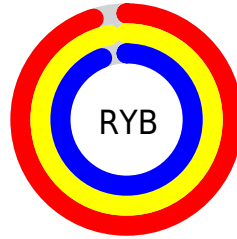
The Yxy color **91.3702, 0.3170, 0.3339** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.7827, 0.3084, 0.3241**, and the grayscale version is **91.3584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9322, 0.3182, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **85.7715, 0.3331, 0.3519**, and if you desaturate by 10%, it is **96.6998, 0.3079, 0.3262**.

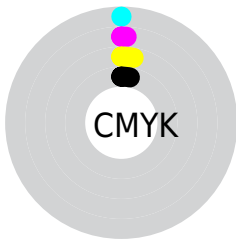
Distribution



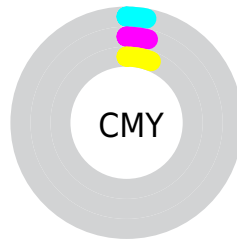
- Red (97%)
- Green (96%)
- Blue (94%)



- Red (95%)
- Yellow (97%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3702, 0.3170, 0.3339 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 91.3702, 0.3170, 0.3339 by changing the saturation by 10% instead.

91.3702, 0.3170,
0.3339

91.3702, 0.3170,
0.3339

532.4780, 0.3151,
0.3317

69.1176, 0.3174,
0.3344

149.2402, 0.3164,
0.3332

50.8075, 0.3179,
0.3350

185.6264, 0.3161,
0.3329

36.0555, 0.3186,
0.3357

227.4927, 0.3159,
0.3326

24.4770, 0.3194,
0.3366

275.2234, 0.3157,
0.3324

15.6879, 0.3204,
0.3378

329.2028, 0.3155,
0.3322

9.3035, 0.3219,
0.3395

389.8155, 0.3154,

4.9397, 0.3240,

0.3320

0.3419

457.4458, 0.3152,
0.3319

■ 2.2119, 0.3275,
0.3459

■ 0.7265, 0.3394,
0.3594

■ 91.3702, 0.3170,
0.3339

■ 91.3702, 0.3170,
0.3339

■ 85.7715, 0.3331,
0.3519

■ 96.6998, 0.3079,
0.3262

■ 80.5252, 0.3507,
0.3705

■ 98.5166, 0.3078,
0.3290

■ 75.6248, 0.3695,
0.3893

■ 71.0592, 0.3892,
0.4076

■ 66.8164, 0.4093,
0.4244

■ 62.8835, 0.4288,
0.4388

■ 59.2460, 0.4469,
0.4495

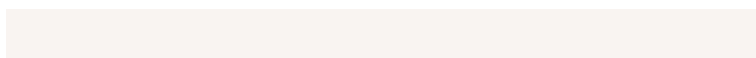
■ 55.8876, 0.4627,
0.4556

■ 52.7889, 0.4754,
0.4567

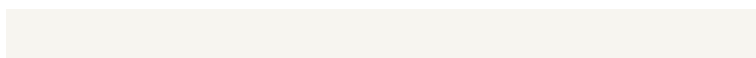
Harmonies

Analogous

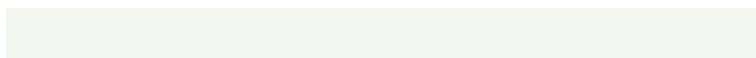
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3702, 0.3183, 0.3326



91.3702, 0.3170, 0.3339



91.3702, 0.3145, 0.3339

Triad

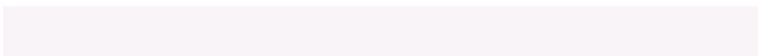
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.3702, 0.3170, 0.3339



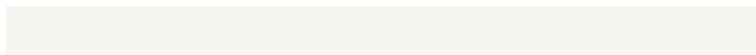
91.3702, 0.3073, 0.3277



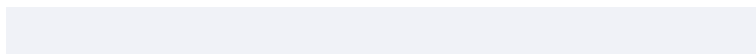
91.3702, 0.3139, 0.3255

Complementary

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



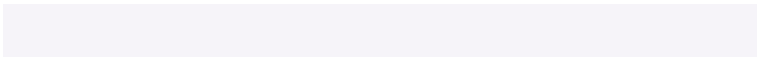
91.3702, 0.3170, 0.3339



88.7827, 0.3084, 0.3241

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.



91.3702, 0.3109, 0.3242



91.3702, 0.3170, 0.3339



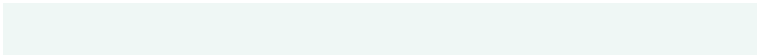
91.3702, 0.3072, 0.3255

Square

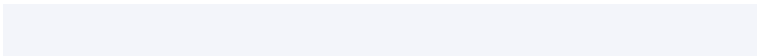
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



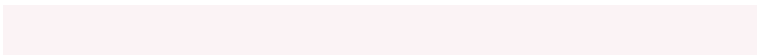
91.3702, 0.3170, 0.3339



91.3702, 0.3089, 0.3303



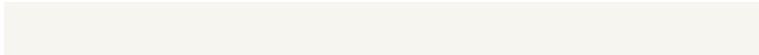
91.3702, 0.3085, 0.3242



91.3702, 0.3165, 0.3277

Rectangle

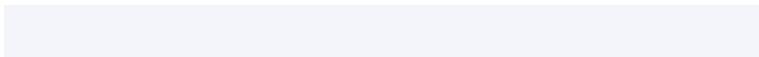
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



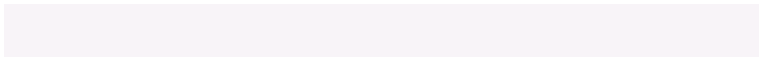
91.3702, 0.3170, 0.3339



91.3702, 0.3126, 0.3332



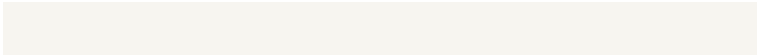
91.3702, 0.3085, 0.3242



91.3702, 0.3129, 0.3249

Sweetspot

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



91.3741, 0.3170, 0.3339



99.3680, 0.3142, 0.3307



88.5370, 0.3160, 0.3269



21.2755, 0.3141, 0.3306



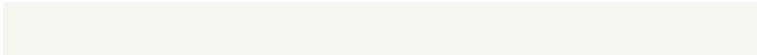
0.0000, 0.0000, 0.0000



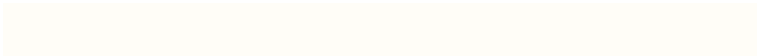
21.4041, 0.3127, 0.3290

Same Dimension

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



91.3741, 0.3170, 0.3339



98.1158, 0.3173, 0.3342



92.3469, 0.3160, 0.3359



19.1345, 0.3185, 0.3356



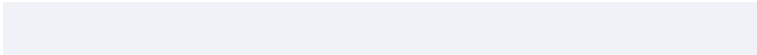
27.0692, 0.4815, 0.4559



2.5549, 0.4719, 0.4635

Inverse Universe

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



88.7827, 0.3084, 0.3241



95.1552, 0.3082, 0.3237



87.8350, 0.3094, 0.3221



18.4061, 0.3069, 0.3223



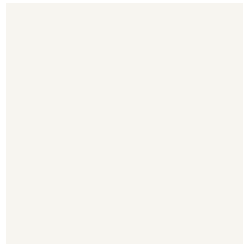
6.1666, 0.1603, 0.0970



0.7110, 0.1670, 0.1212

Previews

White Background



This preview shows how the Yxy color 91.3702, 0.3170, 0.3339 looks on a white background.

Color Contrast Check

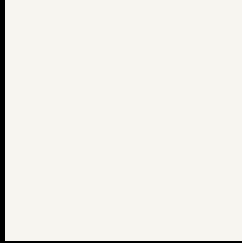
Large Text (above 18pt) WCAG AA × Fail

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 91.3702, 0.3170, 0.3339 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

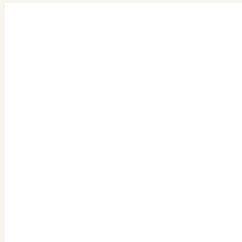
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3702, 0.3170, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 91.3702, 0.3170, 0.3339.

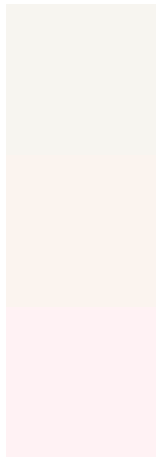


This preview shows how white text looks on a background with the Yxy color 91.3702, 0.3170, 0.3339.

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

91.3702, 0.3170, 0.3339

Protanopia

91.4426, 0.3203, 0.3339

Deuteranopia

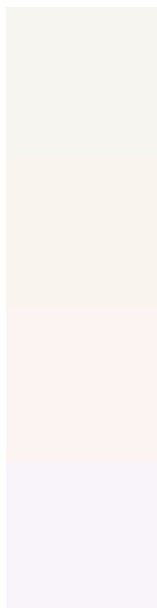
91.2959, 0.3200, 0.3271



Tritanopia

91.2776, 0.3088, 0.3173

Trichromacy



Original Color

91.3702, 0.3170, 0.3339

Protanomaly

91.2574, 0.3196, 0.3339

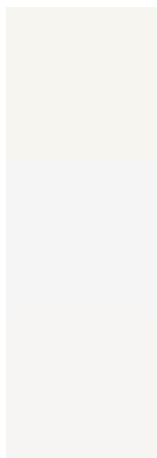
Deuteranomaly

91.2677, 0.3186, 0.3290

Tritanomaly

91.5600, 0.3117, 0.3231

Monochromacy



Original Color

91.3702, 0.3170, 0.3339

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3687, 0.3146, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3702, 0.3170, 0.3339 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(247, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 240)  
}
```

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(247, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 240) }
```

Border

The CSS property to change the border of an element to Yxy 91.3702, 0.3170, 0.3339 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(247, 245, 240) }
```

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

```
.border{ border-color:rgb(247, 245, 240) }
```

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

Here you see how a box with a 4 pixel rgb(247, 245, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3702, 0.3170, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 240) }
```

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

```
.background{ background-color: rgb(247,  
245, 240) }
```

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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