

Converting Colors

$Yxy(54.5996, 0.4095, 0.4159)$

Have a look what the booklet for
Yxy(54.5996, 0.4095, 0.4159)
contains.

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Color

Yxy(54.8198, 0.4093, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	E6BE70
RGB	230, 190, 112
RGB Percent	90%, 75%, 44%
CMY	0.0982, 0.2548, 0.5609
CMYK	0.00, 0.17, 0.51, 0.10
HSL	40°, 70%, 67%
HSV	40°, 51%, 90%
XYZ	53.9628, 54.8198, 23.0591
YIQ	193.0680, 48.8780, -15.7780

Conversions

Conversions Part 2

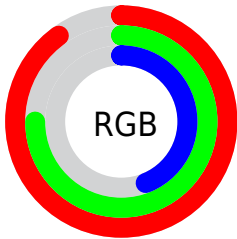
Format	Color
R _Y B	173, 230, 112
Decimal	15122032
CIE Lab	78.94, 4.81, 44.47
CIE LCh	79, 44.731, 83.830
Yxy	54.8198, 0.4093, 0.4158
Android (android.graphics.Color)	4293312112 (0xFFE6BE70)
YUV	193.0680, -39.9665, 32.3894
Hunter-Lab	74.0404, 0.5254, 33.3630

Details

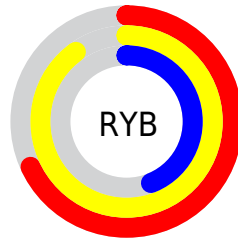
The Yxy color **54.8198, 0.4093, 0.4158** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.5876, 0.2250, 0.2209**, and the grayscale version is **53.5874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8881, 0.3689, 0.4094**, and **27.0098, 0.4314, 0.4343** is the 20% darker color. If you saturate the color by 10%, you get **51.0901, 0.4306, 0.4297**, and if you desaturate by 10%, it is **58.8657, 0.3880, 0.3997**.

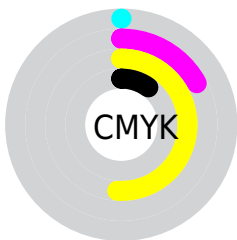
Distribution



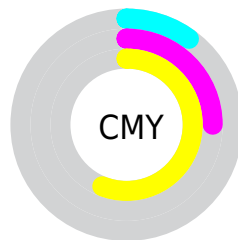
- Red (90%)
- Green (75%)
- Blue (44%)



- Red (68%)
- Yellow (90%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8198, 0.4093, 0.4158 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 54.8198, 0.4093, 0.4158 by changing the saturation by 10% instead.


 54.8198, 0.4093,
0.4158


 54.8198, 0.4093,
0.4158


405.2285, 0.3636,
0.3757

 39.2575, 0.4195,
0.4244


 97.2769, 0.3935,
0.4022


 26.9601, 0.4319,
0.4347


 124.9404, 0.3873,
0.3968

 17.5432, 0.4468,
0.4467


 157.4065, 0.3820,
0.3921

 10.6226, 0.4648,
0.4604

 195.0595, 0.3773,
0.3880

 5.8136, 0.4899,
0.4789

238.2838, 0.3733,
0.3844

 2.7321, 0.5109,
0.4891

287.4638, 0.3697,

 0.9935, 0.5201,

0.3812

0.4799

342.9839, 0.3665,
0.3783

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8198, 0.4093,
0.4158

54.8198, 0.4093,
0.4158

51.0901, 0.4306,
0.4297

58.8657, 0.3880,
0.3997

47.6559, 0.4510,
0.4402


63.2318, 0.3675,
0.3824


44.5052, 0.4694,
0.4463

67.9317, 0.3483,
0.3649

41.6212, 0.4849,
0.4472


72.9756, 0.3307,
0.3476


 39.3086, 0.4960,
0.4444

 78.3733, 0.3147,
0.3311

 84.1337, 0.3003,
0.3155

 89.0548, 0.2974,
0.3185

 93.8535, 0.2975,
0.3263

 95.5579, 0.2975,
0.3290

Harmonies

Analogous

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



54.8198, 0.4307, 0.3757



54.8198, 0.4093, 0.4158



54.8198, 0.3625, 0.4368

Triad

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



54.8198, 0.4093, 0.4158



54.8198, 0.2176, 0.3141



54.8198, 0.3117, 0.2544

Complementary

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



54.8198, 0.4093, 0.4158



31.5876, 0.2250, 0.2209

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.



54.8198, 0.2571, 0.2376



54.8198, 0.4093, 0.4158



54.8198, 0.2070, 0.2661

Square

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



54.8198, 0.4093, 0.4158



54.8198, 0.2522, 0.3747



54.8198, 0.2207, 0.2406



54.8198, 0.3719, 0.2871

Rectangle

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



54.8198, 0.4093, 0.4158



54.8198, 0.3243, 0.4321



54.8198, 0.2207, 0.2406



54.8198, 0.2920, 0.2468

Sweetspot

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



54.8224, 0.4093, 0.4158



89.7903, 0.3372, 0.3541



30.7102, 0.4063, 0.2824



18.9292, 0.3409, 0.3577



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.



54.8224, 0.4093, 0.4158



64.1140, 0.4328, 0.4310



71.7830, 0.3738, 0.4592



15.9521, 0.3276, 0.3445



22.4959, 0.4944, 0.4456



1.8326, 0.4807, 0.4565

Inverse Universe

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



31.5876, 0.2250, 0.2209



31.7060, 0.2062, 0.1926



22.0151, 0.2269, 0.1709



14.6807, 0.2981, 0.3130



6.5122, 0.1638, 0.1097



0.6483, 0.1719, 0.1390

Previews

White Background



This preview shows how the Yxy color 54.8198, 0.4093, 0.4158 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 54.8198, 0.4093, 0.4158 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 54.8198, 0.4093, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 54.8198, 0.4093, 0.4158.



This preview shows how white text looks on a background with the Yxy color 54.8198, 0.4093, 0.4158.

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

54.8198, 0.4093, 0.4158

Protanopia

54.9909, 0.3904, 0.4251

Deuteranopia

54.9100, 0.4174, 0.4092



Tritanopia

54.5421, 0.3507, 0.3137

Trichromacy



Original Color

54.8198, 0.4093, 0.4158

Protanomaly

54.9915, 0.3975, 0.4221

Deuteranomaly

54.8209, 0.4142, 0.4111

Tritanomaly

54.4537, 0.3732, 0.3517

Monochromacy



Original Color

54.8198, 0.4093, 0.4158

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5014, 0.3463, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8198, 0.4093, 0.4158 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(230, 190, 112)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 112)  
}
```

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(230, 190, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 112) }
```

Border

The CSS property to change the border of an element to Yxy 54.8198, 0.4093, 0.4158 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(230, 190, 112) }
```

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

```
.border{ border-color:rgb(230, 190, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 112);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8198, 0.4093, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 112) }
```

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

```
.background{ background-color: rgb(230,  
190, 112) }
```

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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