

Converting Colors

$Yxy(53.0072, 0.4390, 0.4461)$

Have a look what the booklet for
Yxy(53.0072, 0.4390, 0.4461)
contains.

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Color

Yxy(53.1643, 0.4387, 0.4467)

Conversions

Conversions Part 1

Format	Color
Hex	E8BB48
RGB	232, 187, 72
RGB Percent	91%, 73%, 28%
CMY	0.0903, 0.2666, 0.7177
CMYK	0.00, 0.19, 0.69, 0.09
HSL	43°, 78%, 60%
HSV	43°, 69%, 91%
XYZ	52.2122, 53.1643, 13.6392
YIQ	187.3450, 63.7350, -26.2250

Conversions

Conversions Part 2

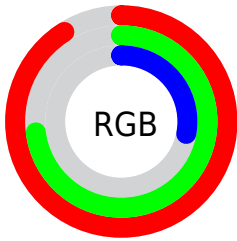
Format	Color
RYB	135, 232, 72
Decimal	15252296
CIELab	77.97, 4.44, 61.95
CIELCh	78, 62.109, 85.898
Yxy	53.1643, 0.4387, 0.4467
Android (android.graphics.Color)	4293442376 (0xFFE8BB48)
YUV	187.3450, -56.8651, 39.1624
Hunter-Lab	72.9139, 0.2211, 39.9490

Details

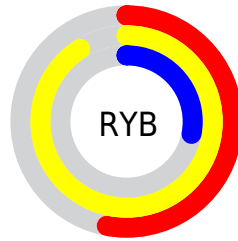
The Yxy color **53.1643, 0.4387, 0.4467** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **19.9133, 0.1927, 0.1627**, and the grayscale version is **50.1998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8675, 0.3924, 0.4424**, and **25.8362, 0.4629, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **50.2153, 0.4552, 0.4549**, and if you desaturate by 10%, it is **56.3582, 0.4202, 0.4343**.

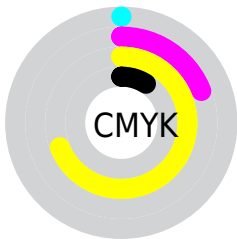
Distribution



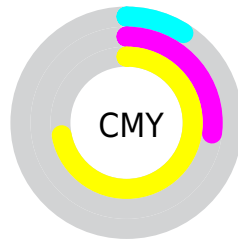
- Red (91%)
- Green (73%)
- Blue (28%)



- Red (53%)
- Yellow (91%)
- Blue (28%)



- Cyan (0%)
- Magenta (19%)
- Yellow (69%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1643, 0.4387, 0.4467 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 53.1643, 0.4387, 0.4467 by changing the saturation by 10% instead.


 53.1643, 0.4387,
0.4467


 53.1643, 0.4387,
0.4467

398.9152, 0.3814,
0.3947


 37.9339, 0.4502,
0.4567

 94.8461, 0.4198,
0.4299


 25.9314, 0.4632,
0.4675


 122.0663, 0.4121,
0.4229

 16.7723, 0.4774,
0.4787


 154.0520, 0.4054,
0.4168

 10.0723, 0.4955,
0.4925

 191.1874, 0.3994,
0.4113

 5.4469, 0.5047,
0.4953

 233.8570, 0.3941,
0.4065

 2.5118, 0.5097,
0.4903

282.4453, 0.3894,

 0.8825, 0.5189,

0.4021

0.4811

337.3365, 0.3852,
0.3982

0.0000, 0.0000,
0.0000

53.1643, 0.4387,
0.4467

53.1643, 0.4387,
0.4467

50.2153, 0.4552,
0.4549

56.3582, 0.4202,
0.4343

47.4882, 0.4688,
0.4582

59.8023, 0.4007,
0.4187

44.9630, 0.4795,
0.4569

63.5110, 0.3810,
0.4011

44.7101, 0.4805,
0.4566


67.4948, 0.3618,
0.3824

71.7636, 0.3436,
0.3635

 76.3266, 0.3267,
0.3449

 81.1924, 0.3112,
0.3272

 86.2022, 0.2987,
0.3131

 90.0919, 0.2987,
0.3197

Harmonies

Analogous

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



53.1643, 0.4748, 0.3901



53.1643, 0.4387, 0.4467



53.1643, 0.3715, 0.4812

Triad

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



53.1643, 0.4387, 0.4467



53.1643, 0.1822, 0.2993



53.1643, 0.3154, 0.2319

Complementary

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



53.1643, 0.4387, 0.4467



19.9133, 0.1927, 0.1627

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.



53.1643, 0.2404, 0.2082



53.1643, 0.4387, 0.4467



53.1643, 0.1722, 0.2372

Square

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



53.1643, 0.4387, 0.4467



53.1643, 0.2240, 0.3877



53.1643, 0.1917, 0.2085



53.1643, 0.4005, 0.2749

Rectangle

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



53.1643, 0.4387, 0.4467



53.1643, 0.3191, 0.4764



53.1643, 0.1917, 0.2085



53.1643, 0.2881, 0.2215

Sweetspot

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



53.1669, 0.4387, 0.4467



87.7900, 0.3474, 0.3675



23.0773, 0.4779, 0.2841



18.4732, 0.3524, 0.3728



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.



53.1669, 0.4387, 0.4467



60.7021, 0.4616, 0.4570



70.0783, 0.3793, 0.5003



16.0966, 0.3274, 0.3458



25.0511, 0.4793, 0.4576



2.0064, 0.4685, 0.4662

Inverse Universe

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



19.9133, 0.1927, 0.1627



17.4073, 0.1731, 0.1261



13.5632, 0.2005, 0.1188



14.5433, 0.2981, 0.3116



5.5295, 0.1600, 0.0958



0.5621, 0.1679, 0.1243

Previews

White Background



This preview shows how the Yxy color 53.1643, 0.4387, 0.4467 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 53.1643, 0.4387, 0.4467 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 53.1643, 0.4387, 0.4467

Background



This preview shows how black text looks on a background with the Yxy color 53.1643, 0.4387, 0.4467.



This preview shows how white text looks on a background with the Yxy color 53.1643, 0.4387, 0.4467.

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

53.1643, 0.4387, 0.4467

Protanopia

53.0814, 0.4181, 0.4592

Deuteranopia

52.8733, 0.4483, 0.4384



Tritanopia

53.0348, 0.3597, 0.3138

Trichromacy



Original Color

53.1643, 0.4387, 0.4467

Protanomaly

53.1148, 0.4254, 0.4551

Deuteranomaly

52.7665, 0.4450, 0.4408

Tritanomaly

52.4927, 0.3945, 0.3660

Monochromacy



Original Color

53.1643, 0.4387, 0.4467

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.2815, 0.3605, 0.3816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1643, 0.4387, 0.4467 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(232, 187, 72)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 72)  
}
```

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(232, 187, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 72) }
```

Border

The CSS property to change the border of an element to Yxy 53.1643, 0.4387, 0.4467 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(232, 187, 72) }
```

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

```
.border{ border-color:rgb(232, 187, 72) }
```

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

Here you see how a box with a 4 pixel rgb(232, 187, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 72);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1643, 0.4387, 0.4467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 72) }
```

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

```
.background{ background-color: rgb(232,  
187, 72) }
```

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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