

Converting Colors

$Yxy(53.1755, 0.4193, 0.4357)$

Have a look what the booklet for
Yxy(53.1755, 0.4193, 0.4357)
contains.

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Color

Yxy(53.1755, 0.4193, 0.4357)

Conversions

Conversions Part 1

Format	Color
Hex	E1BD5C
RGB	225, 189, 92
RGB Percent	88%, 74%, 36%
CMY	0.1178, 0.2588, 0.6391
CMYK	0.00, 0.16, 0.59, 0.12
HSL	44°, 69%, 62%
HSV	44°, 59%, 88%
XYZ	51.1739, 53.1755, 17.6967
YIQ	188.7060, 52.5930, -22.5350

Conversions

Conversions Part 2

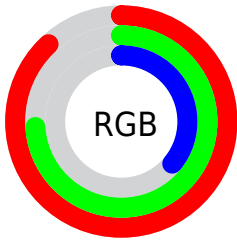
Format	Color
RYB	141, 225, 92
Decimal	14794076
CIELab	77.98, 1.68, 52.89
CIELCh	78, 52.913, 88.178
Yxy	53.1755, 0.4193, 0.4357
Android (android.graphics.Color)	4292984156 (0xFFE1BD5C)
YUV	188.7060, -47.6761, 31.8298
Hunter-Lab	72.9215, -2.3472, 36.6565

Details

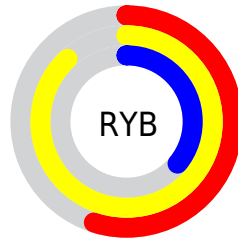
The Yxy color **53.1755, 0.4193, 0.4357** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **23.1423, 0.2088, 0.1879**, and the grayscale version is **50.9681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6091, 0.3810, 0.4274**, and **25.9770, 0.4423, 0.4574** is the 20% darker color. If you saturate the color by 10%, you get **50.2782, 0.4373, 0.4483**, and if you desaturate by 10%, it is **56.3044, 0.4001, 0.4200**.

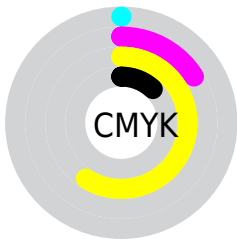
Distribution



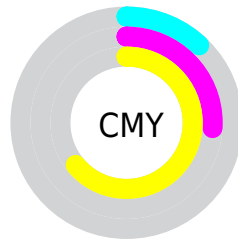
- Red (88%)
- Green (74%)
- Blue (36%)



- Red (55%)
- Yellow (88%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (59%)
- Black (12%)





- Cyan (12%)
- Magenta (26%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1755, 0.4193, 0.4357 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 53.1755, 0.4193, 0.4357 by changing the saturation by 10% instead.


 53.1755, 0.4193,
0.4357

 53.1755, 0.4193,
0.4357


398.9581, 0.3698,
0.3866

 37.9429, 0.4298,
0.4460


 94.8626, 0.4026,
0.4192

 25.9384, 0.4421,
0.4579


 122.0858, 0.3959,
0.4126

 16.7775, 0.4563,
0.4714


 154.0747, 0.3901,
0.4068

 10.0760, 0.4718,
0.4858

 191.2137, 0.3850,
0.4018

 5.4494, 0.4939,
0.5061

233.8871, 0.3805,
0.3973

 2.5133, 0.4959,
0.5041

282.4794, 0.3765,

 0.8833, 0.4994,

0.3934

0.5006

337.3749, 0.3730,
0.3898

0.0000, 0.0000,
0.0000

53.1755, 0.4193,
0.4357

53.1755, 0.4193,
0.4357

50.2782, 0.4373,
0.4483

56.3044, 0.4001,
0.4200

47.5930, 0.4533,
0.4566

59.6681, 0.3807,
0.4022

45.1084, 0.4665,
0.4602

63.2788, 0.3617,
0.3833

42.8030, 0.4768,
0.4591

67.1454, 0.3437,
0.3641

42.6008, 0.4777,
0.4589

71.2763, 0.3268,
0.3454

■ 75.6793, 0.3114,
0.3274

■ 80.3620, 0.2974,
0.3105

■ 84.1878, 0.2943,
0.3113

■ 87.7841, 0.2944,
0.3176

Harmonies

Analogous

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



53.1755, 0.4514, 0.3889



53.1755, 0.4193, 0.4357



53.1755, 0.3604, 0.4590

Triad

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



53.1755, 0.4193, 0.4357



53.1755, 0.1976, 0.3001



53.1755, 0.3213, 0.2465

Complementary

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



53.1755, 0.4193, 0.4357



23.1423, 0.2088, 0.1879

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.



53.1755, 0.2548, 0.2241



53.1755, 0.4193, 0.4357



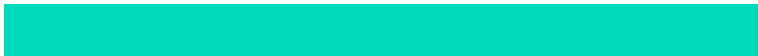
53.1755, 0.1901, 0.2477

Square

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



53.1755, 0.4193, 0.4357



53.1755, 0.2331, 0.3731



53.1755, 0.2095, 0.2232



53.1755, 0.3928, 0.2860

Rectangle

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



53.1755, 0.4193, 0.4357



53.1755, 0.3149, 0.4504



53.1755, 0.2095, 0.2232



53.1755, 0.2975, 0.2368

Sweetspot

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



53.1780, 0.4193, 0.4357



89.7233, 0.3420, 0.3623



25.2640, 0.4419, 0.2872



18.8725, 0.3471, 0.3679



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.



53.1780, 0.4193, 0.4357



65.9164, 0.4414, 0.4507



66.3633, 0.3737, 0.4801



15.3698, 0.3274, 0.3460



24.7595, 0.4766, 0.4598



1.8620, 0.4658, 0.4684

Inverse Universe

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



23.1423, 0.2088, 0.1879



22.8170, 0.1884, 0.1539



17.1453, 0.2186, 0.1483



13.8433, 0.2981, 0.3114



5.2123, 0.1594, 0.0936



0.5076, 0.1677, 0.1237

Previews

White Background



This preview shows how the Yxy color 53.1755, 0.4193, 0.4357 looks on a white background.

Color Contrast Check

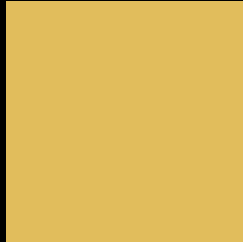
Large Text (above 18pt) WCAG AA × Fail

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 53.1755, 0.4193, 0.4357 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 53.1755, 0.4193, 0.4357

Background



This preview shows how black text looks on a background with the Yxy color 53.1755, 0.4193, 0.4357.



This preview shows how white text looks on a background with the Yxy color 53.1755, 0.4193, 0.4357.

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

53.1755, 0.4193, 0.4357

Protanopia

53.2264, 0.4063, 0.4433

Deuteranopia

53.2484, 0.4336, 0.4247



Tritanopia

52.9702, 0.3494, 0.3134

Trichromacy



Original Color

53.1755, 0.4193, 0.4357

Protanomaly

53.3950, 0.4105, 0.4406

Deuteranomaly

53.2318, 0.4278, 0.4286

Tritanomaly

52.6792, 0.3773, 0.3590

Monochromacy



Original Color

53.1755, 0.4193, 0.4357

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2848, 0.3517, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1755, 0.4193, 0.4357 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(225, 189, 92)` looks like.

```
.text, #text, p{  
    color:rgb(225, 189, 92)  
}
```

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(225, 189, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 189, 92) }
```

Border

The CSS property to change the border of an element to Yxy 53.1755, 0.4193, 0.4357 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(225, 189, 92) }
```

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

```
.border{ border-color:rgb(225, 189, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 189, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 189, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 189, 92);  
box-shadow:4px 4px 4px 4px rgb(225, 189,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1755, 0.4193, 0.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 189, 92) }
```

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

```
.background{ background-color: rgb(225,  
189, 92) }
```

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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