

Converting Colors

$Yxy(56.0982, 0.3982, 0.4183)$

Have a look what the booklet for
Yxy(56.0982, 0.3982, 0.4183)
contains.

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Color

Yxy(56.1385, 0.3983, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	E0C374
RGB	224, 195, 116
RGB Percent	88%, 76%, 45%
CMY	0.1216, 0.2352, 0.5452
CMYK	0.00, 0.13, 0.48, 0.12
HSL	44°, 64%, 67%
HSV	44°, 48%, 88%
XYZ	53.4033, 56.1385, 24.5363
YIQ	194.6650, 42.6430, -18.4210

Conversions

Conversions Part 2

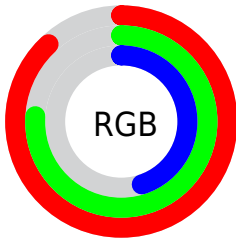
Format	Color
RYB	156, 224, 116
Decimal	14730100
CIELab	79.69, 0.12, 43.28
CIELCh	80, 43.281, 89.845
Yxy	56.1385, 0.3983, 0.4187
Android (android.graphics.Color)	4292920180 (0xFFE0C374)
YUV	194.6650, -38.7818, 25.7268
Hunter-Lab	74.9256, -3.8938, 33.0319

Details

The Yxy color **56.1385, 0.3983, 0.4187** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3274, 0.2285, 0.2178**, and the grayscale version is **54.5789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1189, 0.3649, 0.4099**, and **27.9431, 0.4183, 0.4400** is the 20% darker color. If you saturate the color by 10%, you get **53.0426, 0.4174, 0.4347**, and if you desaturate by 10%, it is **59.4737, 0.3789, 0.4007**.

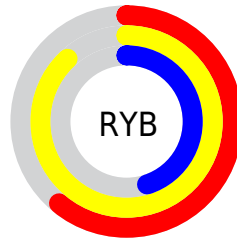
Distribution



Red (88%)

Green (76%)

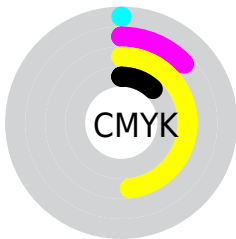
Blue (45%)



Red (61%)

Yellow (88%)

Blue (45%)

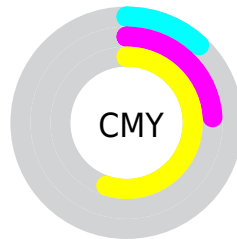


Cyan (0%)

Magenta (13%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (24%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1385, 0.3983, 0.4187 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 56.1385, 0.3983, 0.4187 by changing the saturation by 10% instead.


 56.1385, 0.3983,
0.4187


 56.1385, 0.3983,
0.4187


410.2132, 0.3581,
0.3766

 40.3140, 0.4072,
0.4280


 99.2070, 0.3845,
0.4042

 27.7834, 0.4180,
0.4393


 127.2199, 0.3790,
0.3985

 18.1625, 0.4309,
0.4528


 160.0642, 0.3744,
0.3936

 11.0667, 0.4464,
0.4690

198.1246, 0.3703,
0.3893

 6.1117, 0.4661,
0.4896

241.7852, 0.3667,
0.3856

 2.9131, 0.4879,
0.5121

291.4306, 0.3635,

 1.0865, 0.4881,

0.3823

0.5119

347.4452, 0.3607,
0.3793

0.0000, 0.0000,
0.0000

56.1385, 0.3983,
0.4187

56.1385, 0.3983,
0.4187

53.0426, 0.4174,
0.4347

59.4737, 0.3789,
0.4007

50.1676, 0.4355,
0.4476

63.0497, 0.3601,
0.3817

47.5044, 0.4516,
0.4564


66.8780, 0.3421,
0.3626

45.0395, 0.4650,
0.4604

70.9668, 0.3254,
0.3438

42.7537, 0.4754,
0.4597


75.3238, 0.3101,
0.3259

 42.3612, 0.4771,
0.4594

 79.9563, 0.2962,
0.3090

 83.6735, 0.2936,
0.3106

 87.2126, 0.2938,
0.3168

 90.8693, 0.2939,
0.3230

Harmonies

Analogous

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



56.1385, 0.4245, 0.3828



56.1385, 0.3983, 0.4187



56.1385, 0.3501, 0.4327

Triad

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



56.1385, 0.3983, 0.4187



56.1385, 0.2172, 0.3042



56.1385, 0.3236, 0.2623

Complementary

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



56.1385, 0.3983, 0.4187



29.3274, 0.2285, 0.2178

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.



56.1385, 0.2687, 0.2426



56.1385, 0.3983, 0.4187



56.1385, 0.2116, 0.2619

Square

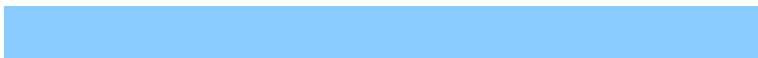
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.1385, 0.3983, 0.4187



56.1385, 0.2462, 0.3613



56.1385, 0.2294, 0.2416



56.1385, 0.3801, 0.2964

Rectangle

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



56.1385, 0.3983, 0.4187



56.1385, 0.3129, 0.4230



56.1385, 0.2294, 0.2416



56.1385, 0.3042, 0.2539

Sweetspot

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



56.1411, 0.3983, 0.4187



91.9519, 0.3351, 0.3548



30.4236, 0.4070, 0.2933



19.4295, 0.3388, 0.3589



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.



56.1411, 0.3983, 0.4187



71.0915, 0.4178, 0.4350



66.9232, 0.3651, 0.4543



15.3750, 0.3274, 0.3461



24.8599, 0.4760, 0.4602



1.8683, 0.4653, 0.4687

Inverse Universe

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



29.3274, 0.2285, 0.2178



31.1487, 0.2099, 0.1894



23.3879, 0.2390, 0.1838



13.8384, 0.2981, 0.3113



5.1814, 0.1592, 0.0932



0.5049, 0.1676, 0.1232

Previews

White Background



This preview shows how the Yxy color 56.1385, 0.3983, 0.4187 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 56.1385, 0.3983, 0.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

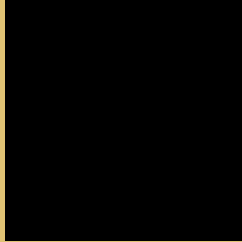
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1385, 0.3983, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 56.1385, 0.3983, 0.4187.



This preview shows how white text looks on a background with the Yxy color 56.1385, 0.3983, 0.4187.

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

56.1385, 0.3983, 0.4187

Protanopia

56.2715, 0.3890, 0.4232

Deuteranopia

56.2048, 0.4149, 0.4067



Tritanopia

55.9772, 0.3413, 0.3135

Trichromacy



Original Color

56.1385, 0.3983, 0.4187

Protanomaly

56.2769, 0.3921, 0.4212

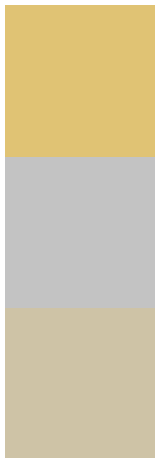
Deuteranomaly

56.0384, 0.4085, 0.4105

Tritanomaly

55.9178, 0.3630, 0.3520

Monochromacy



Original Color

56.1385, 0.3983, 0.4187

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9052, 0.3441, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1385, 0.3983, 0.4187 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(224, 195, 116)` looks like.

```
.text, #text, p{  
    color:rgb(224, 195, 116)  
}
```

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(224, 195, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 116) }
```

Border

The CSS property to change the border of an element to Yxy 56.1385, 0.3983, 0.4187 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(224, 195, 116) }
```

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

```
.border{ border-color:rgb(224, 195, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 195, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 195, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 195, 116);  
box-shadow:4px 4px 4px 4px rgb(224, 195,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1385, 0.3983, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 116) }
```

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

```
.background{ background-color: rgb(224,  
195, 116) }
```

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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