

Converting Colors

$Yxy(55.2987, 0.3915, 0.4233)$

Have a look what the booklet for
Yxy(55.2987, 0.3915, 0.4233)
contains.

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Color

Yxy(55.3166, 0.3915, 0.4233)

Conversions

Conversions Part 1

Format	Color
Hex	D8C473
RGB	216, 196, 115
RGB Percent	85%, 77%, 45%
CMY	0.1528, 0.2314, 0.5490
CMYK	0.00, 0.09, 0.47, 0.15
HSL	48°, 56%, 65%
HSV	48°, 47%, 85%
XYZ	51.1610, 55.3166, 24.2018
YIQ	192.7460, 37.9210, -20.9510

Conversions

Conversions Part 2

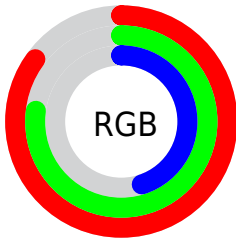
Format	Color
RYB	140, 216, 115
Decimal	14206067
CIELab	79.22, -3.72, 43.03
CIElCh	79, 43.188, 94.938
Yxy	55.3166, 0.3915, 0.4233
Android (android.graphics.Color)	4292396147 (0xFFD8C473)
YUV	192.7460, -38.3288, 20.3938
Hunter-Lab	74.3751, -7.3703, 32.7695

Details

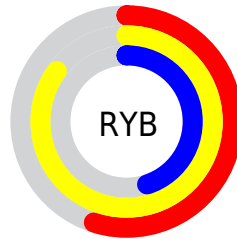
The Yxy color **55.3166, 0.3915, 0.4233** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.9459, 0.2295, 0.2116**, and the grayscale version is **53.3878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7080, 0.3652, 0.4118**, and **27.3860, 0.4089, 0.4471** is the 20% darker color. If you saturate the color by 10%, you get **52.9730, 0.4087, 0.4408**, and if you desaturate by 10%, it is **57.8371, 0.3738, 0.4038**.

Distribution



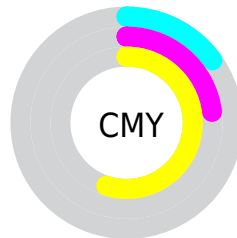
- Red (85%)
- Green (77%)
- Blue (45%)



- Red (55%)
- Yellow (85%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3166, 0.3915, 0.4233 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 55.3166, 0.3915, 0.4233 by changing the saturation by 10% instead.


 55.3166, 0.3915,
0.4233

 55.3166, 0.3915,
0.4233

407.1109, 0.3547,
0.3784


 39.6553, 0.3996,
0.4335

 98.0047, 0.3789,
0.4077

 27.2699, 0.4093,
0.4458


 125.8002, 0.3739,
0.4016

 17.7760, 0.4210,
0.4609

 158.4092, 0.3696,
0.3964

 10.7893, 0.4346,
0.4794

196.2162, 0.3658,
0.3918

 5.9253, 0.4522,
0.5040

239.6054, 0.3625,
0.3879

 2.7997, 0.4687,
0.5313

288.9614, 0.3596,

 1.0281, 0.4613,

0.3843

0.5387

344.6684, 0.3570,
0.3812

0.0000, 0.0000,
0.0000

55.3166, 0.3915,
0.4233

55.3166, 0.3915,
0.4233

52.9730, 0.4087,
0.4408

57.8371, 0.3738,
0.4038

50.7900, 0.4245,
0.4553

60.5346, 0.3561,
0.3833

48.7601, 0.4383,
0.4659

63.4191, 0.3391,
0.3625

46.8721, 0.4493,
0.4718

66.4974, 0.3230,
0.3423

45.1113, 0.4575,
0.4732

69.7757, 0.3080,
0.3228

■ 44.5607, 0.4598,
0.4731

■ 73.2601, 0.2943,
0.3045

■ 76.2117, 0.2883,
0.2986

■ 78.5714, 0.2884,
0.3032

■ 80.9897, 0.2886,
0.3077

Harmonies

Analogous

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



55.3166, 0.4224, 0.3899



55.3166, 0.3915, 0.4233



55.3166, 0.3408, 0.4321

Triad

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



55.3166, 0.3915, 0.4233



55.3166, 0.2143, 0.2955



55.3166, 0.3336, 0.2671

Complementary

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



55.3166, 0.3915, 0.4233



25.9459, 0.2295, 0.2116

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.



55.3166, 0.2771, 0.2446



55.3166, 0.3915, 0.4233



55.3166, 0.2128, 0.2566

Square

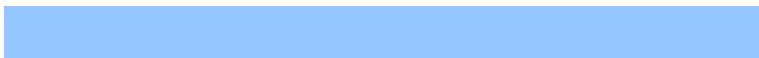
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.3166, 0.3915, 0.4233



55.3166, 0.2395, 0.3513



55.3166, 0.2344, 0.2401



55.3166, 0.3886, 0.3032

Rectangle

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



55.3166, 0.3915, 0.4233



55.3166, 0.3033, 0.4182



55.3166, 0.2344, 0.2401



55.3166, 0.3140, 0.2578

Sweetspot

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



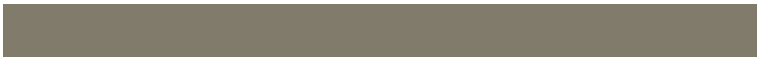
55.3192, 0.3915, 0.4233



93.4750, 0.3347, 0.3571



28.6224, 0.4135, 0.3047



19.8032, 0.3383, 0.3616



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.



55.3192, 0.3915, 0.4233



77.1944, 0.4083, 0.4404



60.7717, 0.3569, 0.4534



14.0819, 0.3271, 0.3476



26.5211, 0.4591, 0.4737



1.7087, 0.4509, 0.4801

Inverse Universe

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



25.9459, 0.2295, 0.2116



29.5881, 0.2108, 0.1823



23.2711, 0.2492, 0.1917



12.4036, 0.2982, 0.3097



4.0723, 0.1556, 0.0802



0.3637, 0.1643, 0.1115

Previews

White Background



This preview shows how the Yxy color 55.3166, 0.3915, 0.4233 looks on a white background.

Color Contrast Check

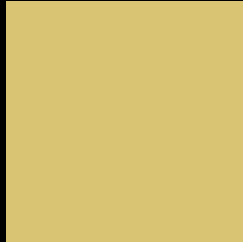
Large Text (above 18pt) WCAG AA × Fail

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 55.3166, 0.3915, 0.4233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

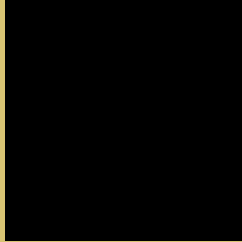
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3166, 0.3915, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 55.3166, 0.3915, 0.4233.



This preview shows how white text looks on a background with the Yxy color 55.3166, 0.3915, 0.4233.

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

55.3166, 0.3915, 0.4233

Protanopia

55.1647, 0.3906, 0.4237

Deuteranopia

55.0021, 0.4144, 0.4052



Tritanopia

55.2955, 0.3344, 0.3132

Trichromacy



Original Color

55.3166, 0.3915, 0.4233

Protanomaly

55.1647, 0.3906, 0.4237

Deuteranomaly

54.9109, 0.4064, 0.4117

Tritanomaly

55.2211, 0.3566, 0.3536

Monochromacy



Original Color

55.3166, 0.3915, 0.4233

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7177, 0.3408, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3166, 0.3915, 0.4233 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(216, 196, 115)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 115)  
}
```

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(216, 196, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 115) }
```

Border

The CSS property to change the border of an element to Yxy 55.3166, 0.3915, 0.4233 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(216, 196, 115) }
```

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

```
.border{ border-color:rgb(216, 196, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 196, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 196, 115); box-shadow:4px 4px 4px 4px rgb(216, 196, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3166, 0.3915, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 115) }
```

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

```
.background{ background-color: rgb(216,  
196, 115) }
```

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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