

Converting Colors

$Yxy(55.0118, 0.3717, 0.4454)$

Have a look what the booklet for
Yxy(55.0118, 0.3717, 0.4454)
contains.

Yxy(55.0225, 0.3711, 0.4454)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.0225, 0.3711, 0.4454)

Conversions

Conversions Part 1

Format	Color
Hex	C0CB6D
RGB	192, 203, 109
RGB Percent	75%, 80%, 43%
CMY	0.2473, 0.2038, 0.5726
CMYK	0.05, 0.00, 0.46, 0.20
HSL	67°, 47%, 61%
HSV	67°, 46%, 80%
XYZ	45.8438, 55.0225, 22.6687
YIQ	188.9950, 23.6180, -31.5660

Conversions

Conversions Part 2

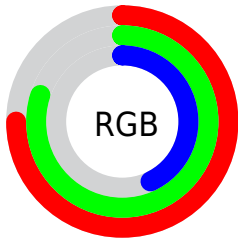
Format	Color
R _{YB}	109, 203, 120
Decimal	12634989
CIE Lab	79.05, -17.60, 45.35
CIE LCh	79, 48.645, 111.208
Yxy	55.0225, 0.3711, 0.4454
Android (android.graphics.Color)	4290825069 (0xFFC0CB6D)
YUV	188.9950, -39.4375, 2.6354
Hunter-Lab	74.1772, -19.4913, 33.8049

Details

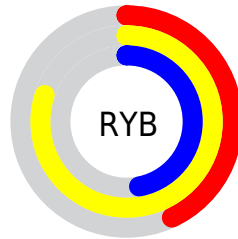
The Yxy color **55.0225, 0.3711, 0.4454** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.2457, 0.2348, 0.1883**, and the grayscale version is **51.1019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4526, 0.3643, 0.4212**, and **27.1187, 0.3827, 0.4755** is the 20% darker color. If you saturate the color by 10%, you get **54.3276, 0.3812, 0.4678**, and if you desaturate by 10%, it is **55.8284, 0.3595, 0.4209**.

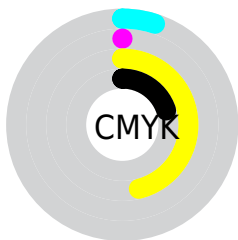
Distribution



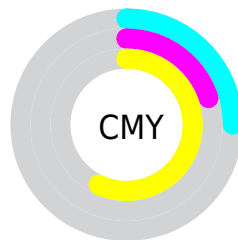
- Red (75%)
- Green (80%)
- Blue (43%)



- Red (43%)
- Yellow (80%)
- Blue (47%)



- Cyan (5%)
- Magenta (0%)
- Yellow (46%)
- Black (20%)





- Cyan (25%)
- Magenta (20%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0225, 0.3711, 0.4454 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 55.0225, 0.3711, 0.4454 by changing the saturation by 10% instead.


 55.0225, 0.3711,
0.4454

 55.0225, 0.3711,
0.4454


405.9972, 0.3450,
0.3881

 39.4197, 0.3764,
0.4589


 97.5739, 0.3625,
0.4251


 27.0864, 0.3823,
0.4757


 125.2914, 0.3590,
0.4173

 17.6381, 0.3888,
0.4969


 157.8158, 0.3559,
0.4106

 10.6905, 0.3951,
0.5237

 195.5317, 0.3532,
0.4049

 5.8591, 0.4035,
0.5645

238.8234, 0.3508,
0.3999

 2.7596, 0.3960,
0.6040

288.0753, 0.3487,

 1.0076, 0.3418,

0.3955

0.6582

343.6717, 0.3468,
0.3916

■ 0.0000, 0.0000,
0.0000

■ 55.0225, 0.3711,
0.4454

■ 55.0225, 0.3711,
0.4454

■ 54.3276, 0.3812,
0.4678

■ 55.8284, 0.3595,
0.4209

■ 53.7292, 0.3893,
0.4870

■ 56.7443, 0.3468,
0.3953

■ 53.2218, 0.3950,
0.5024


■ 57.7785, 0.3338,
0.3695


■ 52.7961, 0.3981,
0.5133


■ 58.9364, 0.3208,
0.3444


■ 52.4402, 0.3987,
0.5198


■ 60.2233, 0.3081,
0.3203

 52.3184, 0.3986,
0.5217

 61.6438, 0.2960,
0.2977

 63.2025, 0.2847,
0.2768

 63.8016, 0.2839,
0.2732

 64.1576, 0.2855,
0.2735

Harmonies

Analogous

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



55.0225, 0.4202, 0.4189



55.0225, 0.3711, 0.4454



55.0225, 0.3091, 0.4352

Triad

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



55.0225, 0.3711, 0.4454



55.0225, 0.1991, 0.2641



55.0225, 0.3714, 0.2801

Complementary

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



55.0225, 0.3711, 0.4454



19.2457, 0.2348, 0.1883

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.



55.0225, 0.3056, 0.2466



55.0225, 0.3711, 0.4454



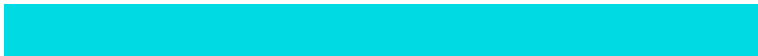
55.0225, 0.2114, 0.2350

Square

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



55.0225, 0.3711, 0.4454



55.0225, 0.2124, 0.3178



55.0225, 0.2482, 0.2302



55.0225, 0.4233, 0.3250

Rectangle

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



55.0225, 0.3711, 0.4454



55.0225, 0.2691, 0.4048



55.0225, 0.2482, 0.2302



55.0225, 0.3498, 0.2674

Sweetspot

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



55.0250, 0.3711, 0.4454



97.1215, 0.3310, 0.3641



27.2268, 0.4303, 0.3435



20.7012, 0.3339, 0.3697



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.



55.0250, 0.3711, 0.4454



90.9029, 0.3816, 0.4687



49.8485, 0.3320, 0.4622



13.0270, 0.3248, 0.3520



33.3136, 0.3989, 0.5215



1.7380, 0.4032, 0.5181

Inverse Universe

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



19.2457, 0.2348, 0.1883



23.5211, 0.2140, 0.1529



23.4608, 0.2799, 0.2040



10.9062, 0.3000, 0.3052



2.8878, 0.1546, 0.0626



0.1706, 0.1677, 0.0697

Previews

White Background



This preview shows how the Yxy color 55.0225, 0.3711, 0.4454 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 55.0225, 0.3711, 0.4454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

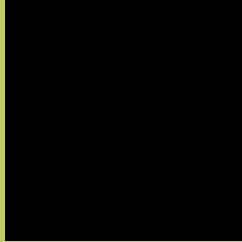
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0225, 0.3711, 0.4454

Background



This preview shows how black text looks on a background with the Yxy color 55.0225, 0.3711, 0.4454.



This preview shows how white text looks on a background with the Yxy color 55.0225, 0.3711, 0.4454.

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

55.0225, 0.3711, 0.4454

Protanopia

54.9675, 0.3968, 0.4331

Deuteranopia

54.9100, 0.4174, 0.4092



Tritanopia

54.9008, 0.3103, 0.3113

Trichromacy



Original Color

55.0225, 0.3711, 0.4454

Protanomaly

55.1738, 0.3875, 0.4380

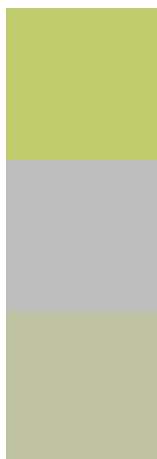
Deuteranomaly

54.6819, 0.3996, 0.4218

Tritanomaly

54.5622, 0.3341, 0.3599

Monochromacy



Original Color

55.0225, 0.3711, 0.4454

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.0688, 0.3353, 0.3725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0225, 0.3711, 0.4454 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(192, 203, 109)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 109)  
}
```

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(192, 203, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 109) }
```

Border

The CSS property to change the border of an element to Yxy 55.0225, 0.3711, 0.4454 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(192, 203, 109) }
```

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

```
.border{ border-color:rgb(192, 203, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 203, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 203, 109); box-shadow:4px 4px 4px 4px rgb(192, 203, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0225, 0.3711, 0.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 109) }
```

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

```
.background{ background-color: rgb(192,  
203, 109) }
```

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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