

Converting Colors

Yxy(58.6198, 0.3705, 0.4243)

Have a look what the booklet for
Yxy(58.6198, 0.3705, 0.4243)
contains.

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Color

Yxy(58.7708, 0.3705, 0.4245)

Conversions

Conversions Part 1

Format	Color
Hex	CECE7E
RGB	206, 206, 126
RGB Percent	81%, 81%, 49%
CMY	0.1921, 0.1922, 0.5058
CMYK	0.00, 0.00, 0.39, 0.19
HSL	60°, 45%, 65%
HSV	60°, 39%, 81%
XYZ	51.2947, 58.7708, 28.3817
YIQ	196.8800, 25.6800, -24.8800

Conversions

Conversions Part 2

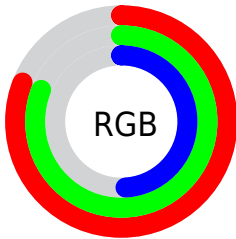
Format	Color
R_{YB}	126, 206, 126
Decimal	13553278
CIE _{Lab}	81.17, -11.74, 39.77
CIE _{LCh}	81, 41.464, 106.441
Yxy	58.7708, 0.3705, 0.4245
Android (android.graphics.Color)	4291743358 (0xFFCECE7E)
YUV	196.8800, -34.9438, 7.9982
Hunter-Lab	76.6621, -14.7243, 31.7133

Details

The Yxy color **58.7708, 0.3705, 0.4245** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.8220, 0.2417, 0.2116**, and the grayscale version is **55.9650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0753, 0.3573, 0.4028**, and **29.4485, 0.3826, 0.4493** is the 20% darker color. If you saturate the color by 10%, you get **58.2931, 0.3840, 0.4468**, and if you desaturate by 10%, it is **59.3633, 0.3559, 0.4004**.

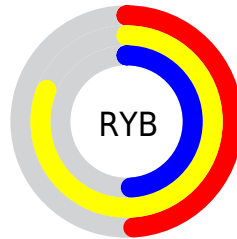
Distribution



Red (81%)

Green (81%)

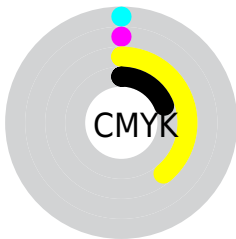
Blue (49%)



Red (49%)

Yellow (81%)

Blue (49%)

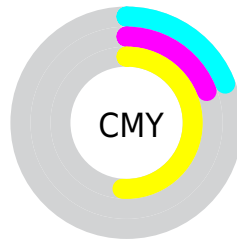


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7708, 0.3705, 0.4245 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 58.7708, 0.3705, 0.4245 by changing the saturation by 10% instead.


 58.7708, 0.3705,
0.4245


 58.7708, 0.3705,
0.4245


420.0520, 0.3441,
0.3783


 42.4286, 0.3762,
0.4353


 103.0445, 0.3616,
0.4082

 29.4371, 0.3829,
0.4487


 131.7448, 0.3580,
0.4019

 19.4117, 0.3909,
0.4656


 165.3333, 0.3549,
0.3966

 11.9681, 0.4001,
0.4873

204.1943, 0.3522,
0.3919

 6.7220, 0.4098,
0.5153

248.7123, 0.3498,
0.3879

 3.2889, 0.4307,
0.5693

299.2717, 0.3477,

 1.2843, 0.4091,

0.3843

0.5909

356.2568, 0.3458,
0.3811

■ 0.1290, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7708, 0.3705,
0.4245

■ 58.7708, 0.3705,
0.4245

■ 58.2931, 0.3840,
0.4468

■ 59.3633, 0.3559,
0.4004

■ 57.9155, 0.3958,
0.4662

■ 60.0689, 0.3408,
0.3755

■ 57.6332, 0.4054,
0.4821

■ 60.8959, 0.3257,
0.3505

■ 57.4375, 0.4124,
0.4938

■ 61.8497, 0.3110,
0.3262

■ 57.3184, 0.4169,
0.5012

■ 62.9353, 0.2970,
0.3031

■ 57.2598, 0.4191,
0.5049

■ 64.1575, 0.2839,
0.2814

■ 57.2543, 0.4194,
0.5052

■ 64.5013, 0.2807,
0.2760

■ 64.5033, 0.2807,
0.2760

■ 64.5054, 0.2807,
0.2760

Harmonies

Analogous

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



58.7708, 0.4081, 0.4008



58.7708, 0.3705, 0.4245



58.7708, 0.3192, 0.4199

Triad

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



58.7708, 0.3705, 0.4245



58.7708, 0.2163, 0.2813



58.7708, 0.3535, 0.2823

Complementary

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



58.7708, 0.3705, 0.4245



23.8220, 0.2417, 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.



58.7708, 0.2988, 0.2553



58.7708, 0.3705, 0.4245



58.7708, 0.2234, 0.2522

Square

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



58.7708, 0.3705, 0.4245



58.7708, 0.2319, 0.3291



58.7708, 0.2521, 0.2442



58.7708, 0.3995, 0.3202

Rectangle

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



58.7708, 0.3705, 0.4245



58.7708, 0.2845, 0.3982



58.7708, 0.2521, 0.2442



58.7708, 0.3353, 0.2719

Sweetspot

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



58.7735, 0.3705, 0.4245



98.1795, 0.3307, 0.3587



29.5898, 0.4071, 0.3276



20.9760, 0.3327, 0.3620



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.



58.7735, 0.3705, 0.4245



94.5176, 0.3824, 0.4441



53.9106, 0.3383, 0.4358



13.0963, 0.3266, 0.3519



35.2491, 0.4194, 0.5052



1.8186, 0.4193, 0.5052

Inverse Universe

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



23.8220, 0.2417, 0.2116



29.7601, 0.2228, 0.1804



27.3464, 0.2762, 0.2218



10.8444, 0.2982, 0.3050



2.7448, 0.1500, 0.0600



0.1417, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 58.7708, 0.3705, 0.4245 looks on a white background.

Color Contrast Check

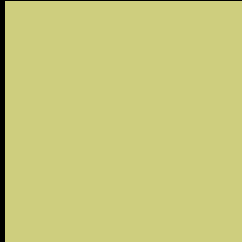
Large Text (above 18pt) WCAG AA × Fail

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 58.7708, 0.3705, 0.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

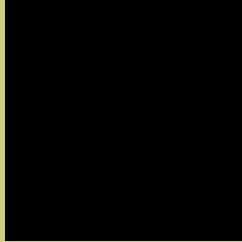
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

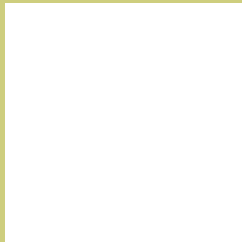
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7708, 0.3705, 0.4245

Background



This preview shows how black text looks on a background with the Yxy color 58.7708, 0.3705, 0.4245.



This preview shows how white text looks on a background with the Yxy color 58.7708, 0.3705, 0.4245.

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

58.7708, 0.3705, 0.4245

Protanopia

58.4442, 0.3860, 0.4175

Deuteranopia

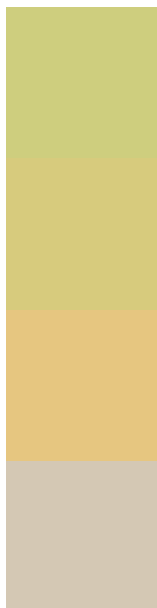
58.7796, 0.4061, 0.3979



Tritanopia

58.7819, 0.3175, 0.3120

Trichromacy



Original Color

58.7708, 0.3705, 0.4245

Protanomaly

58.6396, 0.3801, 0.4199

Deuteranomaly

58.7697, 0.3932, 0.4074

Tritanomaly

58.6009, 0.3372, 0.3526

Monochromacy



Original Color

58.7708, 0.3705, 0.4245

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5282, 0.3342, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7708, 0.3705, 0.4245 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(206, 206, 126)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 126)  
}
```

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(206, 206, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 126) }
```

Border

The CSS property to change the border of an element to Yxy 58.7708, 0.3705, 0.4245 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(206, 206, 126) }
```

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

```
.border{ border-color:rgb(206, 206, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 126);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7708, 0.3705, 0.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 126) }
```

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

```
.background{ background-color: rgb(206,  
206, 126) }
```

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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