

Converting Colors

$Yxy(56.8461, 0.3728, 0.4216)$

Have a look what the booklet for
Yxy(56.8461, 0.3728, 0.4216)
contains.

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Color

Yxy(56.8435, 0.3728, 0.4216)

Conversions

Conversions Part 1

Format	Color
Hex	CECA7D
RGB	206, 202, 125
RGB Percent	81%, 79%, 49%
CMY	0.1924, 0.2078, 0.5098
CMYK	0.00, 0.02, 0.39, 0.19
HSL	57°, 45%, 65%
HSV	57°, 39%, 81%
XYZ	50.2639, 56.8435, 27.7206
YIQ	194.4180, 27.1010, -23.0990

Conversions

Conversions Part 2

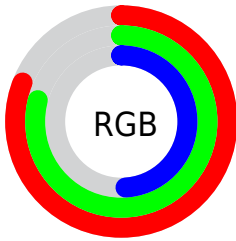
Format	Color
RYB	129, 206, 125
Decimal	13552253
CIELab	80.09, -9.85, 38.92
CIELCh	80, 40.144, 104.205
Yxy	56.8435, 0.3728, 0.4216
Android (android.graphics.Color)	4291742333 (0xFFCECA7D)
YUV	194.4180, -34.2231, 10.1574
Hunter-Lab	75.3946, -12.9387, 30.9768

Details

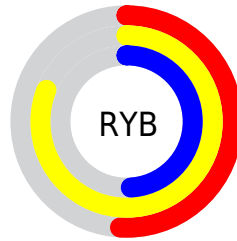
The Yxy color **56.8435, 0.3728, 0.4216** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.4903, 0.2415, 0.2157**, and the grayscale version is **54.4008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **28.1583, 0.3862, 0.4456** is the 20% darker color. If you saturate the color by 10%, you get **55.9064, 0.3872, 0.4431**, and if you desaturate by 10%, it is **57.8980, 0.3575, 0.3984**.

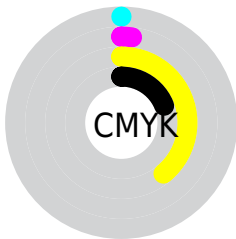
Distribution



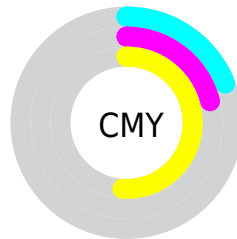
- Red (81%)
- Green (79%)
- Blue (49%)



- Red (51%)
- Yellow (81%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (39%)
- Black (19%)





- Cyan (19%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8435, 0.3728, 0.4216 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 56.8435, 0.3728, 0.4216 by changing the saturation by 10% instead.


 56.8435, 0.3728,
0.4216

 56.8435, 0.3728,
0.4216


412.8626, 0.3450,
0.3767


 40.8796, 0.3789,
0.4321


 100.2368, 0.3633,
0.4057

 28.2250, 0.3861,
0.4452


 128.4350, 0.3596,
0.3996

 18.4954, 0.3948,
0.4617


 161.4801, 0.3563,
0.3944

 11.3062, 0.4050,
0.4828

199.7564, 0.3535,
0.3899

 6.2732, 0.4162,
0.5101

243.6485, 0.3510,
0.3860

 3.0119, 0.4385,
0.5615

293.5406, 0.3488,

 1.1379, 0.4192,

0.3825

0.5808

349.8172, 0.3468,
0.3794

■ 0.0101, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8435, 0.3728,
0.4216

■ 56.8435, 0.3728,
0.4216

■ 55.9064, 0.3872,
0.4431

■ 57.8980, 0.3575,
0.3984

■ 55.0720, 0.4000,
0.4619

■ 59.0682, 0.3420,
0.3745

■ 54.3354, 0.4108,
0.4772

■ 60.3626, 0.3266,
0.3506

■ 53.6880, 0.4190,
0.4883

■ 61.7865, 0.3117,
0.3274

■ 53.1196, 0.4246,
0.4951

■ 63.3449, 0.2977,
0.3054

■ 52.6129, 0.4279,
0.4981

■ 65.0426, 0.2846,
0.2847

■ 52.5787, 0.4281,
0.4983

■ 65.9388, 0.2808,
0.2793

■ 66.4300, 0.2809,
0.2804

■ 66.9243, 0.2809,
0.2815

Harmonies

Analogous

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



56.8435, 0.4080, 0.3970



56.8435, 0.3728, 0.4216



56.8435, 0.3231, 0.4193

Triad

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



56.8435, 0.3728, 0.4216



56.8435, 0.2185, 0.2853



56.8435, 0.3488, 0.2808

Complementary

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



56.8435, 0.3728, 0.4216



24.4903, 0.2415, 0.2157

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.



56.8435, 0.2953, 0.2553



56.8435, 0.3728, 0.4216



56.8435, 0.2238, 0.2552

Square

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



56.8435, 0.3728, 0.4216



56.8435, 0.2355, 0.3331



56.8435, 0.2506, 0.2457



56.8435, 0.3950, 0.3174

Rectangle

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



56.8435, 0.3728, 0.4216



56.8435, 0.2888, 0.3997



56.8435, 0.2506, 0.2457



56.8435, 0.3308, 0.2708

Sweetspot

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



56.8461, 0.3728, 0.4216



97.2412, 0.3309, 0.3574



29.3647, 0.4054, 0.3241



20.7533, 0.3329, 0.3605



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.



56.8461, 0.3728, 0.4216



90.8841, 0.3848, 0.4395



54.0888, 0.3408, 0.4364



12.9999, 0.3267, 0.3508



32.4379, 0.4279, 0.4984



1.7027, 0.4261, 0.4999

Inverse Universe

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



24.4903, 0.2415, 0.2157



31.4205, 0.2241, 0.1874



26.7390, 0.2731, 0.2196



10.9297, 0.2982, 0.3062



2.9184, 0.1510, 0.0634



0.1818, 0.1542, 0.0749

Previews

White Background



This preview shows how the Yxy color 56.8435, 0.3728, 0.4216 looks on a white background.

Color Contrast Check

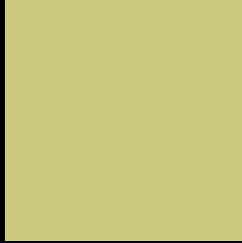
Large Text (above 18pt) WCAG AA × Fail

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 56.8435, 0.3728, 0.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

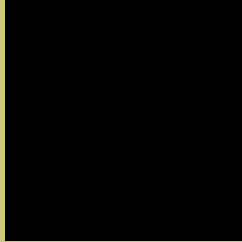
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8435, 0.3728, 0.4216

Background



This preview shows how black text looks on a background with the Yxy color 56.8435, 0.3728, 0.4216.



This preview shows how white text looks on a background with the Yxy color 56.8435, 0.3728, 0.4216.

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

56.8435, 0.3728, 0.4216

Protanopia

57.0538, 0.3844, 0.4163

Deuteranopia

56.7361, 0.4050, 0.3969



Tritanopia

56.6513, 0.3200, 0.3118

Trichromacy



Original Color

56.8435, 0.3728, 0.4216

Protanomaly

56.9099, 0.3805, 0.4185

Deuteranomaly

56.4468, 0.3933, 0.4051

Tritanomaly

56.6512, 0.3403, 0.3516

Monochromacy



Original Color

56.8435, 0.3728, 0.4216

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8028, 0.3346, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8435, 0.3728, 0.4216 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, 202, 125)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 125)  
}
```

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, 202, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 125) }
```

Border

The CSS property to change the border of an element to Yxy 56.8435, 0.3728, 0.4216 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, 202, 125) }
```

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

```
.border{ border-color:rgb(206, 202, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 125);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8435, 0.3728, 0.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 125) }
```

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

```
.background{ background-color: rgb(206,  
202, 125) }
```

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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