

Converting Colors

Yxy(57.4821, 0.3702, 0.4254)

Have a look what the booklet for
Yxy(57.4821, 0.3702, 0.4254)
contains.

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Color

Yxy(57.3375, 0.3701, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	CBCC7C
RGB	203, 204, 124
RGB Percent	80%, 80%, 49%
CMY	0.2041, 0.1999, 0.5138
CMYK	0.01, 0.00, 0.39, 0.20
HSL	61°, 44%, 64%
HSV	61°, 39%, 80%
XYZ	49.8487, 57.3375, 27.5037
YIQ	194.5810, 25.0840, -25.0920

Conversions

Conversions Part 2

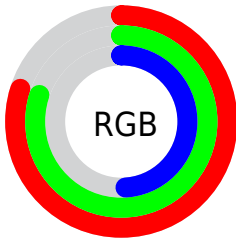
Format	Color
RYB	124, 204, 125
Decimal	13356156
CIELab	80.37, -12.16, 39.73
CIELCh	80, 41.547, 107.024
Yxy	57.3375, 0.3701, 0.4257
Android (android.graphics.Color)	4291546236 (0xFFCBCC7C)
YUV	194.5810, -34.7964, 7.3835
Hunter-Lab	75.7215, -15.0032, 31.4697

Details

The Yxy color $57.3375, 0.3701, 0.4257$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $23.1370, 0.2418, 0.2105$, and the grayscale version is $54.5073, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.9944, 0.3585, 0.4047$, and $28.4968, 0.3822, 0.4511$ is the 20% darker color. If you saturate the color by 10%, you get $56.8380, 0.3833, 0.4481$, and if you desaturate by 10%, it is $57.9491, 0.3558, 0.4015$.

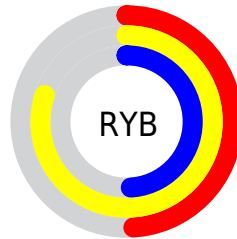
Distribution



Red (80%)

Green (80%)

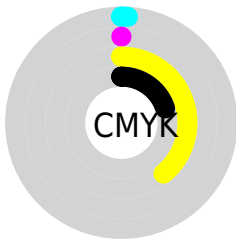
Blue (49%)



Red (49%)

Yellow (80%)

Blue (49%)

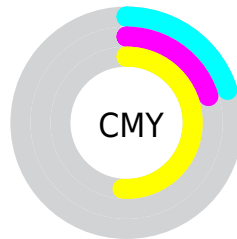


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3375, 0.3701, 0.4257 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 57.3375, 0.3701, 0.4257 by changing the saturation by 10% instead.

■ 57.3375, 0.3701,
0.4257

■ 57.3375, 0.3701,
0.4257

414.7128, 0.3438,
0.3787

■ 41.2763, 0.3758,
0.4368

■ 100.9575, 0.3612,
0.4091

■ 28.5350, 0.3825,
0.4505

■ 129.2850, 0.3577,
0.4027

■ 18.7294, 0.3904,
0.4679

■ 162.4701, 0.3546,
0.3972

■ 11.4749, 0.3994,
0.4902

200.8972, 0.3519,
0.3925

■ 6.3872, 0.4089,
0.5193

244.9505, 0.3495,
0.3884

■ 3.0819, 0.4272,
0.5728

295.0147, 0.3474,

■ 1.1747, 0.4034,

0.3847

0.5966

351.4740, 0.3455,
0.3815

■ 0.0409, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3375, 0.3701,
0.4257

■ 57.3375, 0.3701,
0.4257

■ 56.8380, 0.3833,
0.4481

■ 57.9491, 0.3558,
0.4015

■ 56.4361, 0.3947,
0.4677


■ 58.6710, 0.3410,
0.3765


■ 56.1270, 0.4040,
0.4837

■ 59.5114, 0.3261,
0.3515

■ 55.9024, 0.4108,
0.4955


■ 60.4756, 0.3116,
0.3272

 55.7523, 0.4149,
0.5030


 61.5685, 0.2978,
0.3040

 55.6600, 0.4169,
0.5069

 62.7947, 0.2848,
0.2823

 55.6536, 0.4170,
0.5071

 63.3750, 0.2797,
0.2737

 63.4138, 0.2799,
0.2737

 63.4527, 0.2801,
0.2737

Harmonies

Analogous

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



57.3375, 0.4085, 0.4021



57.3375, 0.3701, 0.4257



57.3375, 0.3182, 0.4205

Triad

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



57.3375, 0.3701, 0.4257



57.3375, 0.2153, 0.2800



57.3375, 0.3550, 0.2826

Complementary

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



57.3375, 0.3701, 0.4257



23.1370, 0.2418, 0.2105

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.



57.3375, 0.2996, 0.2551



57.3375, 0.3701, 0.4257



57.3375, 0.2230, 0.2511

Square

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



57.3375, 0.3701, 0.4257



57.3375, 0.2306, 0.3280



57.3375, 0.2523, 0.2434



57.3375, 0.4011, 0.3208

Rectangle

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



57.3375, 0.3701, 0.4257



57.3375, 0.2832, 0.3982



57.3375, 0.2523, 0.2434



57.3375, 0.3366, 0.2719

Sweetspot

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



57.3401, 0.3701, 0.4257



98.1060, 0.3304, 0.3588



28.7073, 0.4101, 0.3293



20.9585, 0.3324, 0.3621



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.



57.3401, 0.3701, 0.4257



94.2307, 0.3812, 0.4446



52.5435, 0.3374, 0.4373



13.0888, 0.3264, 0.3519



35.0245, 0.4170, 0.5071



1.8094, 0.4175, 0.5067

Inverse Universe

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



23.1370, 0.2418, 0.2105



29.8874, 0.2239, 0.1808



26.6657, 0.2771, 0.2211



10.8510, 0.2984, 0.3050



2.7583, 0.1505, 0.0603



0.1449, 0.1521, 0.0611

Previews

White Background



This preview shows how the Yxy color 57.3375, 0.3701, 0.4257 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 57.3375, 0.3701, 0.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

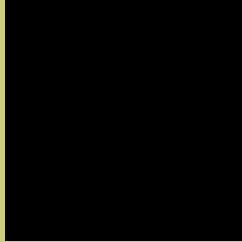
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3375, 0.3701, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 57.3375, 0.3701, 0.4257.



This preview shows how white text looks on a background with the Yxy color 57.3375, 0.3701, 0.4257.

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

57.3375, 0.3701, 0.4257

Protanopia

57.1574, 0.3867, 0.4182

Deuteranopia

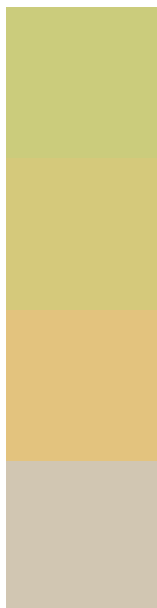
56.8845, 0.4067, 0.3976



Tritanopia

57.3332, 0.3167, 0.3118

Trichromacy



Original Color

57.3375, 0.3701, 0.4257

Protanomaly

57.3495, 0.3807, 0.4207

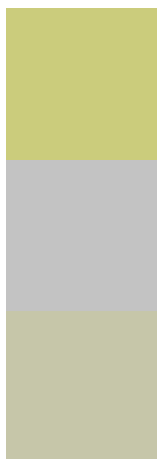
Deuteranomaly

56.8675, 0.3936, 0.4072

Tritanomaly

57.1578, 0.3367, 0.3529

Monochromacy



Original Color

57.3375, 0.3701, 0.4257

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2585, 0.3344, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3375, 0.3701, 0.4257 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(203, 204, 124)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 124)  
}
```

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(203, 204, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 124) }
```

Border

The CSS property to change the border of an element to Yxy 57.3375, 0.3701, 0.4257 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(203, 204, 124) }
```

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

```
.border{ border-color:rgb(203, 204, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 124);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3375, 0.3701, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 124) }
```

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

```
.background{ background-color: rgb(203,  
204, 124) }
```

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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