

Converting Colors

Yxy(57.9171, 0.3734, 0.4040)

Have a look what the booklet for
Yxy(57.9171, 0.3734, 0.4040)
contains.

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Color

Yxy(58.1784, 0.3732, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	D8C989
RGB	216, 201, 137
RGB Percent	85%, 79%, 54%
CMY	0.1528, 0.2118, 0.4628
CMYK	0.00, 0.07, 0.37, 0.15
HSL	49°, 50%, 69%
HSV	49°, 37%, 85%
XYZ	53.7297, 58.1784, 32.0622
YIQ	198.1890, 29.4840, -16.7240

Conversions

Conversions Part 2

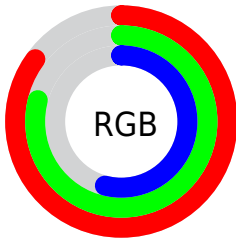
Format	Color
R_{YB}	156, 216, 137
Decimal	14207369
CIE Lab	80.84, -3.98, 33.90
CIE LCh	81, 34.137, 96.697
Yxy	58.1784, 0.3732, 0.4041
Android (android.graphics.Color)	4292397449 (0xFFD8C989)
YUV	198.1890, -30.1662, 15.6202
Hunter-Lab	76.2748, -7.7413, 28.4697

Details

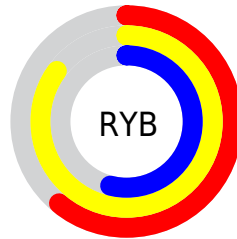
The Yxy color **58.1784, 0.3732, 0.4041** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7491, 0.2492, 0.2404**, and the grayscale version is **56.7705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **29.0129, 0.3878, 0.4228** is the 20% darker color. If you saturate the color by 10%, you get **55.7298, 0.3908, 0.4238**, and if you desaturate by 10%, it is **60.8078, 0.3557, 0.3834**.

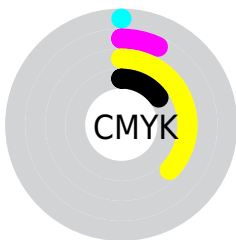
Distribution



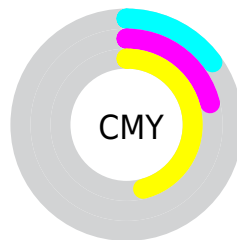
- Red (85%)
- Green (79%)
- Blue (54%)



- Red (61%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)
- Black (15%)




- Cyan (15%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1784, 0.3732, 0.4041 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 58.1784, 0.3732, 0.4041 by changing the saturation by 10% instead.

 58.1784, 0.3732,
0.4041

 58.1784, 0.3732,
0.4041


417.8504, 0.3447,
0.3681


 41.9521, 0.3797,
0.4125


 102.1826, 0.3633,
0.3915

 29.0638, 0.3875,
0.4228


 130.7293, 0.3595,
0.3866

 19.1291, 0.3973,
0.4358


 164.1516, 0.3562,
0.3824

 11.7636, 0.4095,
0.4526

202.8338, 0.3533,
0.3788

 6.5829, 0.4247,
0.4744

247.1604, 0.3507,
0.3756

 3.2027, 0.4576,
0.5195

297.5158, 0.3485,

 1.2384, 0.4611,

0.3728

0.5389

354.2843, 0.3465,
0.3704

0.0928, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1784, 0.3732,
0.4041

58.1784, 0.3732,
0.4041

55.7298, 0.3908,
0.4238

60.8078, 0.3557,
0.3834

53.4462, 0.4077,
0.4415

63.6172, 0.3387,
0.3625

51.3216, 0.4233,
0.4562

66.6161, 0.3227,
0.3420

49.3463, 0.4369,
0.4669

69.8107, 0.3078,
0.3224

47.5089, 0.4477,
0.4731

73.2070, 0.2941,
0.3040

45.7952, 0.4556,
0.4746

76.0394, 0.2883,
0.2983

45.2303, 0.4579,
0.4746

78.2991, 0.2884,
0.3027

80.6127, 0.2886,
0.3070

82.9807, 0.2888,
0.3114

Harmonies

Analogous

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



58.1784, 0.3977, 0.3803



58.1784, 0.3732, 0.4041



58.1784, 0.3332, 0.4075

Triad

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



58.1784, 0.3732, 0.4041



58.1784, 0.2340, 0.3017



58.1784, 0.3321, 0.2812

Complementary

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



58.1784, 0.3732, 0.4041



32.7491, 0.2492, 0.2404

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.



58.1784, 0.2876, 0.2622



58.1784, 0.3732, 0.4041



58.1784, 0.2336, 0.2713

Square

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



58.1784, 0.3732, 0.4041



58.1784, 0.2537, 0.3441



58.1784, 0.2524, 0.2581



58.1784, 0.3738, 0.3111

Rectangle

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



58.1784, 0.3732, 0.4041



58.1784, 0.3037, 0.3952



58.1784, 0.2524, 0.2581



58.1784, 0.3169, 0.2734

Sweetspot

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



58.1811, 0.3732, 0.4041



94.9632, 0.3298, 0.3512



34.7888, 0.3830, 0.3098



20.1983, 0.3320, 0.3540



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.



58.1811, 0.3732, 0.4041



81.8772, 0.3870, 0.4196



62.1885, 0.3485, 0.4257



14.0993, 0.3271, 0.3477



26.9107, 0.4572, 0.4751



1.7290, 0.4495, 0.4813

Inverse Universe

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



32.7491, 0.2492, 0.2404



39.6505, 0.2339, 0.2175



30.3970, 0.2659, 0.2246



12.3875, 0.2982, 0.3095



3.9962, 0.1553, 0.0789



0.3562, 0.1638, 0.1096

Previews

White Background



This preview shows how the Yxy color 58.1784, 0.3732, 0.4041 looks on a white background.

Color Contrast Check

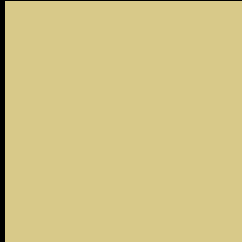
Large Text (above 18pt) WCAG AA × Fail

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 58.1784, 0.3732, 0.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

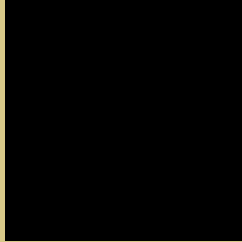
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1784, 0.3732, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 58.1784, 0.3732, 0.4041.



This preview shows how white text looks on a background with the Yxy color 58.1784, 0.3732, 0.4041.

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

58.1784, 0.3732, 0.4041

Protanopia

58.3311, 0.3740, 0.4039

Deuteranopia

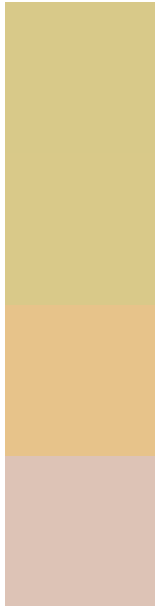
57.9141, 0.3953, 0.3874



Tritanopia

58.0516, 0.3273, 0.3122

Trichromacy



Original Color

58.1784, 0.3732, 0.4041

Protanomaly

58.3311, 0.3740, 0.4039

Deuteranomaly

57.8541, 0.3878, 0.3933

Tritanomaly

57.7798, 0.3441, 0.3441

Monochromacy



Original Color

58.1784, 0.3732, 0.4041

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9606, 0.3347, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1784, 0.3732, 0.4041 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, 201, 137)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 137)  
}
```

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, 201, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 137) }
```

Border

The CSS property to change the border of an element to Yxy 58.1784, 0.3732, 0.4041 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, 201, 137) }
```

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

```
.border{ border-color:rgb(216, 201, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 201, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 137);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1784, 0.3732, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 137) }
```

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

```
.background{ background-color: rgb(216,  
201, 137) }
```

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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