

Converting Colors

Yxy(60.3544, 0.3717, 0.4007)

Have a look what the booklet for
Yxy(60.3544, 0.3717, 0.4007)
contains.

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Color

Yxy(60.3544, 0.3717, 0.4007)

Conversions

Conversions Part 1

Format	Color
Hex	DCCC8E
RGB	220, 204, 142
RGB Percent	86%, 80%, 56%
CMY	0.1373, 0.2000, 0.4432
CMYK	0.00, 0.07, 0.35, 0.14
HSL	48°, 53%, 71%
HSV	48°, 35%, 86%
XYZ	55.9864, 60.3544, 34.2817
YIQ	201.7160, 29.4380, -15.8900

Conversions

Conversions Part 2

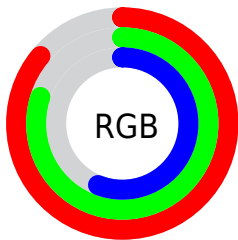
Format	Color
RYB	162, 220, 142
Decimal	14470286
CIELab	82.03, -3.41, 32.96
CIELCh	82, 33.134, 95.912
Yxy	60.3544, 0.3717, 0.4007
Android (android.graphics.Color)	4292660366 (0xFFDCCC8E)
YUV	201.7160, -29.4400, 16.0351
Hunter-Lab	77.6881, -7.3172, 28.2186

Details

The Yxy color **60.3544, 0.3717, 0.4007** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3546, 0.2516, 0.2451**, and the grayscale version is **59.0492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **30.4605, 0.3857, 0.4181** is the 20% darker color. If you saturate the color by 10%, you get **57.6494, 0.3896, 0.4203**, and if you desaturate by 10%, it is **63.2573, 0.3540, 0.3802**.

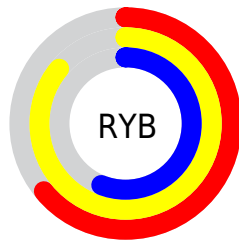
Distribution



Red (86%)

Green (80%)

Blue (56%)



Red (64%)

Yellow (86%)

Blue (56%)

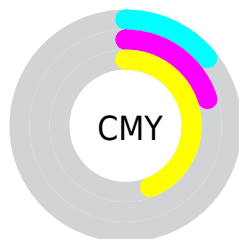


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (14%)



Cyan (14%)

Magenta (20%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3544, 0.3717, 0.4007 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 60.3544, 0.3717, 0.4007 by changing the saturation by 10% instead.


 60.3544, 0.3717,
0.4007


 60.3544, 0.3717,
0.4007


425.9028, 0.3440,
0.3666

 43.7044, 0.3780,
0.4086


 105.3436, 0.3621,
0.3888

 30.4382, 0.3856,
0.4183


 134.4515, 0.3584,
0.3841

 20.1714, 0.3951,
0.4306


168.4809, 0.3552,
0.3802

 12.5197, 0.4071,
0.4463

207.8161, 0.3524,
0.3767

 7.0987, 0.4222,
0.4669

252.8415, 0.3499,
0.3737

 3.5239, 0.4480,
0.5020

303.9415, 0.3477,

 1.4110, 0.4659,

0.3711

0.5341

361.5005, 0.3458,
0.3687

0.2248, 0.3670,
0.6330

0.0000, 0.0000,
0.0000

60.3544, 0.3717,
0.4007

60.3544, 0.3717,
0.4007

57.6494, 0.3896,
0.4203

63.2573, 0.3540,
0.3802

55.1257, 0.4071,
0.4380

66.3574, 0.3370,
0.3597

52.7771, 0.4234,
0.4529

69.6645, 0.3210,
0.3396

50.5935, 0.4377,
0.4639

73.1853, 0.3061,
0.3204

■ 48.5631, 0.4493,
0.4703

■ 76.9260, 0.2926,
0.3024

■ 46.6717, 0.4580,
0.4721

■ 79.6096, 0.2910,
0.3042

■ 45.8478, 0.4614,
0.4719

■ 82.1649, 0.2911,
0.3089

■ 84.7855, 0.2912,
0.3136

■ 87.4720, 0.2914,
0.3183

Harmonies

Analogous

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



60.3544, 0.3946, 0.3777



60.3544, 0.3717, 0.4007



60.3544, 0.3336, 0.4043

Triad

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



60.3544, 0.3717, 0.4007



60.3544, 0.2373, 0.3040



60.3544, 0.3303, 0.2824

Complementary

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



60.3544, 0.3717, 0.4007



35.3546, 0.2516, 0.2451

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.



60.3544, 0.2876, 0.2644



60.3544, 0.3717, 0.4007



60.3544, 0.2364, 0.2742

Square

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



60.3544, 0.3717, 0.4007



60.3544, 0.2568, 0.3447



60.3544, 0.2541, 0.2610



60.3544, 0.3704, 0.3111

Rectangle

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



60.3544, 0.3717, 0.4007



60.3544, 0.3053, 0.3929



60.3544, 0.2541, 0.2610



60.3544, 0.3157, 0.2750

Sweetspot

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



60.3572, 0.3717, 0.4007



94.7126, 0.3298, 0.3508



37.0531, 0.3786, 0.3088



20.1383, 0.3320, 0.3536



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.



60.3572, 0.3717, 0.4007



81.3350, 0.3859, 0.4163



65.1221, 0.3485, 0.4224



14.7873, 0.3272, 0.3475



27.0747, 0.4606, 0.4725



1.8707, 0.4526, 0.4788

Inverse Universe

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



35.3546, 0.2516, 0.2451



41.2053, 0.2362, 0.2225



32.4083, 0.2665, 0.2278



13.0470, 0.2981, 0.3098



4.2651, 0.1559, 0.0811



0.4005, 0.1641, 0.1108

Previews

White Background



This preview shows how the Yxy color 60.3544, 0.3717, 0.4007 looks on a white background.

Color Contrast Check

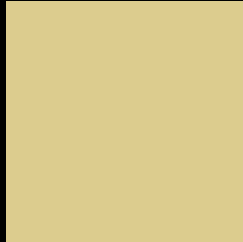
Large Text (above 18pt) WCAG AA × Fail

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 60.3544, 0.3717, 0.4007 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 60.3544, 0.3717, 0.4007

Background



This preview shows how black text looks on a background with the Yxy color 60.3544, 0.3717, 0.4007.



This preview shows how white text looks on a background with the Yxy color 60.3544, 0.3717, 0.4007.

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

60.3544, 0.3717, 0.4007

Protanopia

60.3544, 0.3717, 0.4007

Deuteranopia

60.0985, 0.3934, 0.3844



Tritanopia

60.2273, 0.3271, 0.3114

Trichromacy



Original Color

60.3544, 0.3717, 0.4007

Protanomaly

60.3544, 0.3717, 0.4007

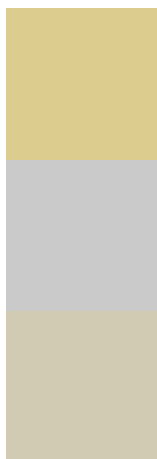
Deuteranomaly

60.0335, 0.3861, 0.3901

Tritanomaly

59.9409, 0.3437, 0.3427

Monochromacy



Original Color

60.3544, 0.3717, 0.4007

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5625, 0.3343, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3544, 0.3717, 0.4007 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(220, 204, 142)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 142)  
}
```

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(220, 204, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 142) }
```

Border

The CSS property to change the border of an element to Yxy 60.3544, 0.3717, 0.4007 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(220, 204, 142) }
```

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

```
.border{ border-color:rgb(220, 204, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 204, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 204, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 204, 142); box-shadow:4px 4px 4px 4px rgb(220, 204, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3544, 0.3717, 0.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 142) }
```

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

```
.background{ background-color: rgb(220,  
204, 142) }
```

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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