

Converting Colors

$Yxy(66.3106, 0.3509, 0.3861)$

Have a look what the booklet for
Yxy(66.3106, 0.3509, 0.3861)
contains.

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Color

Yxy(66.3776, 0.3508, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	DBD7A5
RGB	219, 215, 165
RGB Percent	86%, 84%, 65%
CMY	0.1411, 0.1569, 0.3529
CMYK	0.00, 0.02, 0.25, 0.14
HSL	56°, 43%, 75%
HSV	56°, 25%, 86%
XYZ	60.3089, 66.3776, 45.2317
YIQ	210.4960, 18.4340, -14.7020

Conversions

Conversions Part 2

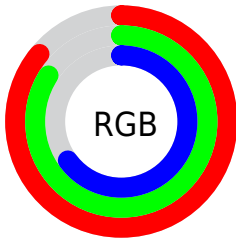
Format	Color
RYB	169, 219, 165
Decimal	14407589
CIELab	85.19, -6.51, 25.23
CIELCh	85, 26.058, 104.457
Yxy	66.3776, 0.3508, 0.3861
Android (android.graphics.Color)	4292597669 (0xFFDBD7A5)
YUV	210.4960, -22.4295, 7.4580
Hunter-Lab	81.4724, -10.4446, 24.1142

Details

The Yxy color **66.3776, 0.3508, 0.3861** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4977, 0.2710, 0.2647**, and the grayscale version is **64.9362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **34.1204, 0.3591, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **64.8252, 0.3667, 0.4093**, and if you desaturate by 10%, it is **68.0808, 0.3350, 0.3626**.

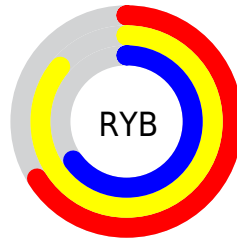
Distribution



Red (86%)

Green (84%)

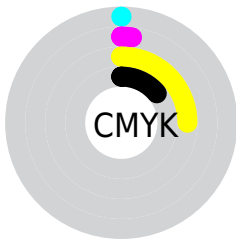
Blue (65%)



Red (66%)

Yellow (86%)

Blue (65%)

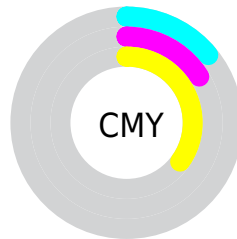


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (14%)



Cyan (14%)


Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3776, 0.3508, 0.3861 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 66.3776, 0.3508, 0.3861 by changing the saturation by 10% instead.


 66.3776, 0.3508,
0.3861


 66.3776, 0.3508,
0.3861


447.7261, 0.3332,
0.3590

 48.5790, 0.3548,
0.3924

 114.0281, 0.3447,
0.3766

 34.2856, 0.3596,
0.4003


 144.6488, 0.3423,
0.3729

 23.1131, 0.3657,
0.4103


180.3123, 0.3403,
0.3698

 14.6771, 0.3735,
0.4235

221.4031, 0.3385,
0.3670

 8.5930, 0.3835,
0.4414

268.3054, 0.3369,
0.3646

 4.4767, 0.3968,
0.4670

321.4038, 0.3355,

 1.9436, 0.4419,

0.3625

0.5395

381.0825, 0.3343,
0.3607

0.5744, 0.4026,
0.5974

0.0000, 0.0000,
0.0000

66.3776, 0.3508,
0.3861

66.3776, 0.3508,
0.3861

64.8252, 0.3667,
0.4093

68.0808, 0.3350,
0.3626

63.4076, 0.3820,
0.4313

69.9324, 0.3196,
0.3395

62.1202, 0.3963,
0.4512

71.9413, 0.3050,
0.3173

60.9548, 0.4088,
0.4680

74.1133, 0.2914,
0.2964

■ 59.9018, 0.4190,
0.4808

■ 75.1328, 0.2901,
0.2957

■ 58.9503, 0.4265,
0.4892

■ 76.0076, 0.2901,
0.2975

■ 58.0869, 0.4313,
0.4933

■ 76.8907, 0.2902,
0.2992

■ 57.6502, 0.4331,
0.4943

■ 77.7823, 0.2902,
0.3009

■ 78.6823, 0.2903,
0.3027

Harmonies

Analogous

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



66.3776, 0.3720, 0.3731



66.3776, 0.3508, 0.3861



66.3776, 0.3200, 0.3828

Triad

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



66.3776, 0.3508, 0.3861



66.3776, 0.2526, 0.3029



66.3776, 0.3357, 0.2986

Complementary

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



66.3776, 0.3508, 0.3861



41.4977, 0.2710, 0.2647

Split Complementary

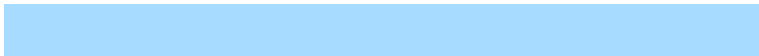
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.3776, 0.3027, 0.2817



66.3776, 0.3508, 0.3861



66.3776, 0.2561, 0.2829

Square

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



66.3776, 0.3508, 0.3861



66.3776, 0.2641, 0.3322



66.3776, 0.2740, 0.2757



66.3776, 0.3633, 0.3229

Rectangle

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



66.3776, 0.3508, 0.3861



66.3776, 0.2985, 0.3708



66.3776, 0.2740, 0.2757



66.3776, 0.3248, 0.2919

Sweetspot

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



66.3806, 0.3508, 0.3861



98.0596, 0.3232, 0.3450



44.8576, 0.3600, 0.3238



20.9541, 0.3242, 0.3464



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.



66.3806, 0.3508, 0.3861



92.4402, 0.3597, 0.3992



65.1922, 0.3325, 0.3939



15.0895, 0.3269, 0.3504



34.2494, 0.4329, 0.4945



2.2693, 0.4304, 0.4964

Inverse Universe

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



41.4977, 0.2710, 0.2647



51.1025, 0.2601, 0.2475



42.6559, 0.2887, 0.2628



12.7718, 0.2981, 0.3066



3.3176, 0.1514, 0.0650



0.2705, 0.1555, 0.0796

Previews

White Background



This preview shows how the Yxy color 66.3776, 0.3508, 0.3861 looks on a white background.

Color Contrast Check

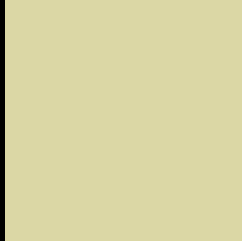
Large Text (above 18pt) WCAG AA × Fail

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 66.3776, 0.3508, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

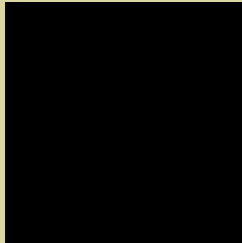
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

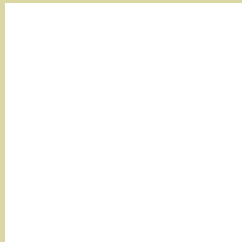
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3776, 0.3508, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 66.3776, 0.3508, 0.3861.



This preview shows how white text looks on a background with the Yxy color 66.3776, 0.3508, 0.3861.

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

66.3776, 0.3508, 0.3861

Protanopia

66.0982, 0.3587, 0.3829

Deuteranopia

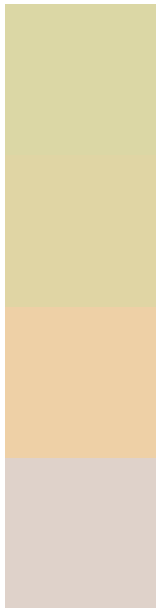
66.1155, 0.3768, 0.3683



Tritanopia

66.1221, 0.3158, 0.3117

Trichromacy



Original Color

66.3776, 0.3508, 0.3861

Protanomaly

66.1161, 0.3560, 0.3844

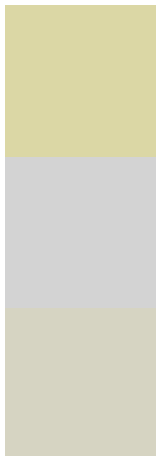
Deuteranomaly

66.0421, 0.3673, 0.3749

Tritanomaly

66.0454, 0.3282, 0.3380

Monochromacy



Original Color

66.3776, 0.3508, 0.3861

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2782, 0.3268, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3776, 0.3508, 0.3861 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(219, 215, 165)` looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 165)  
}
```

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(219, 215, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 165) }
```

Border

The CSS property to change the border of an element to Yxy 66.3776, 0.3508, 0.3861 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(219, 215, 165) }
```

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

```
.border{ border-color:rgb(219, 215, 165) }
```

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

Here you see how a box with a 4 pixel rgb(219, 215, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 215, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 215, 165);  
box-shadow:4px 4px 4px 4px rgb(219, 215,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3776, 0.3508, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 215, 165) }
```

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

```
.background{ background-color: rgb(219,  
215, 165) }
```

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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