

Converting Colors

Yxy(66.3250, 0.3381, 0.3684)

Have a look what the booklet for
Yxy(66.3250, 0.3381, 0.3684)
contains.

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Color

Yxy(66.4951, 0.3378, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	D8D7B4
RGB	216, 215, 180
RGB Percent	85%, 84%, 71%
CMY	0.1530, 0.1568, 0.2941
CMYK	0.00, 0.00, 0.17, 0.15
HSL	58°, 32%, 78%
HSV	58°, 17%, 85%
XYZ	60.8563, 66.4951, 52.8033
YIQ	211.3090, 11.8310, -10.6730

Conversions

Conversions Part 2

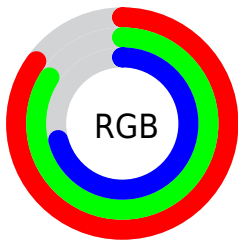
Format	Color
RYB	181, 216, 180
Decimal	14210996
CIELab	85.25, -5.47, 17.43
CIELCh	85, 18.271, 107.409
Yxy	66.4951, 0.3378, 0.3691
Android (android.graphics.Color)	4292401076 (0xFFD8D7B4)
YUV	211.3090, -15.4353, 4.1140
Hunter-Lab	81.5445, -9.4893, 18.6885

Details

The Yxy color **66.4951, 0.3378, 0.3691** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7019, 0.2857, 0.2855**, and the grayscale version is **65.4556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **34.2510, 0.3440, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **65.3831, 0.3532, 0.3936**, and if you desaturate by 10%, it is **67.7513, 0.3226, 0.3448**.

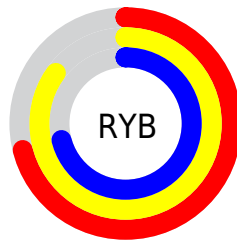
Distribution



Red (85%)

Green (84%)

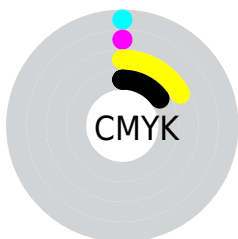
Blue (71%)



Red (71%)

Yellow (85%)

Blue (71%)

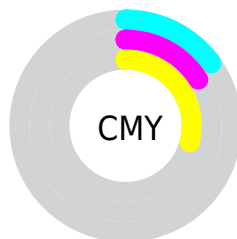


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4951, 0.3378, 0.3691 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 66.4951, 0.3378, 0.3691 by changing the saturation by 10% instead.

■ 66.4951, 0.3378,
0.3691

■ 66.4951, 0.3378,
0.3691

448.1454, 0.3261,
0.3500

■ 48.6744, 0.3405,
0.3736

■ 114.1966, 0.3337,
0.3624

■ 34.3613, 0.3438,
0.3792

144.8463, 0.3322,
0.3598

■ 23.1713, 0.3479,
0.3863

180.5411, 0.3308,
0.3576

■ 14.7200, 0.3533,
0.3958

221.6653, 0.3296,
0.3557

■ 8.6231, 0.3606,
0.4090

268.6035, 0.3286,
0.3540

■ 4.4962, 0.3708,
0.4285

321.7400, 0.3277,

■ 1.9548, 0.3893,

0.3525

0.4638

381.4592, 0.3269,
0.3512

0.5810, 0.4189,
0.5811

0.0000, 0.0000,
0.0000

66.4951, 0.3378,
0.3691

66.4951, 0.3378,
0.3691

65.3831, 0.3532,
0.3936

67.7513, 0.3226,
0.3448

64.4001, 0.3684,
0.4175

69.1487, 0.3079,
0.3213

63.5422, 0.3827,
0.4399

70.6959, 0.2941,
0.2990

62.8020, 0.3955,
0.4598

71.6425, 0.2879,
0.2893

62.1711, 0.4063,
0.4762

71.9501, 0.2879,
0.2900

61.6404, 0.4146,
0.4886

72.2589, 0.2879,
0.2906

61.1988, 0.4203,
0.4966

72.5687, 0.2880,
0.2913

60.8324, 0.4235,
0.5005

72.8797, 0.2880,
0.2919

60.7188, 0.4242,
0.5014

73.1918, 0.2880,
0.2926

Harmonies

Analogous

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



66.4951, 0.3533, 0.3617



66.4951, 0.3378, 0.3691



66.4951, 0.3159, 0.3651

Triad

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



66.4951, 0.3378, 0.3691



66.4951, 0.2698, 0.3094



66.4951, 0.3311, 0.3089

Complementary

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



66.4951, 0.3378, 0.3691



47.7019, 0.2857, 0.2855

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.



66.4951, 0.3082, 0.2960



66.4951, 0.3378, 0.3691



66.4951, 0.2734, 0.2956

Square

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



66.4951, 0.3378, 0.3691



66.4951, 0.2771, 0.3294



66.4951, 0.2872, 0.2911



66.4951, 0.3495, 0.3269

Rectangle

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



66.4951, 0.3378, 0.3691



66.4951, 0.3008, 0.3562



66.4951, 0.2872, 0.2911



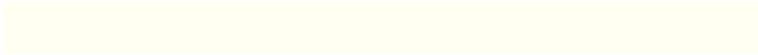
66.4951, 0.3237, 0.3039

Sweetspot

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



66.4980, 0.3378, 0.3691



98.9822, 0.3201, 0.3409



50.5829, 0.3433, 0.3277



21.1566, 0.3212, 0.3426



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.



66.4980, 0.3378, 0.3691



96.2476, 0.3432, 0.3777



64.5745, 0.3248, 0.3719



14.4586, 0.3267, 0.3514



35.9679, 0.4242, 0.5014



2.1883, 0.4233, 0.5021

Inverse Universe

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



47.7019, 0.2857, 0.2855



63.9132, 0.2793, 0.2751



49.4407, 0.2989, 0.2859



12.0629, 0.2981, 0.3056



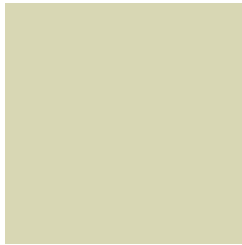
3.0366, 0.1505, 0.0619



0.2029, 0.1522, 0.0678

Previews

White Background



This preview shows how the Yxy color 66.4951, 0.3378, 0.3691 looks on a white background.

Color Contrast Check

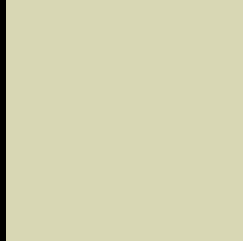
Large Text (above 18pt) WCAG AA × Fail

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 66.4951, 0.3378, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

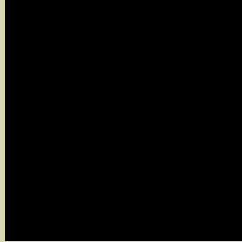
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

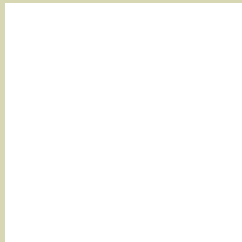
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4951, 0.3378, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 66.4951, 0.3378, 0.3691.



This preview shows how white text looks on a background with the Yxy color 66.4951, 0.3378, 0.3691.

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

66.4951, 0.3378, 0.3691

Protanopia

66.1889, 0.3454, 0.3662

Deuteranopia

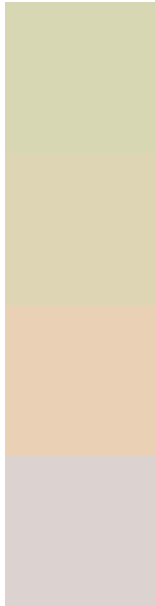
66.2731, 0.3607, 0.3538



Tritanopia

66.5668, 0.3113, 0.3116

Trichromacy



Original Color

66.4951, 0.3378, 0.3691

Protanomaly

66.2153, 0.3428, 0.3676

Deuteranomaly

66.4295, 0.3525, 0.3598

Tritanomaly

66.4076, 0.3208, 0.3313

Monochromacy



Original Color

66.4951, 0.3378, 0.3691

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4032, 0.3218, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4951, 0.3378, 0.3691 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, 215, 180)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 180)  
}
```

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, 215, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 180) }
```

Border

The CSS property to change the border of an element to Yxy 66.4951, 0.3378, 0.3691 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, 215, 180) }
```

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

```
.border{ border-color:rgb(216, 215, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 215, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 215, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 215, 180); box-shadow:4px 4px 4px 4px rgb(216, 215, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4951, 0.3378, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 180) }
```

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

```
.background{ background-color: rgb(216,  
215, 180) }
```

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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