

Converting Colors

$Yxy(66.2356, 0.3295, 0.3538)$

Have a look what the booklet for
Yxy(66.2356, 0.3295, 0.3538)
contains.

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Color

Yxy(66.4978, 0.3295, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6C0
RGB	216, 214, 192
RGB Percent	85%, 84%, 75%
CMY	0.1527, 0.1608, 0.2470
CMYK	0.00, 0.01, 0.11, 0.15
HSL	55°, 24%, 80%
HSV	55°, 11%, 85%
XYZ	61.8956, 66.4978, 59.4535
YIQ	212.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

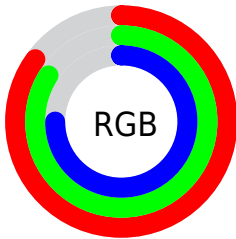
Format	Color
RYB	194, 216, 192
Decimal	14210752
CIELab	85.25, -3.03, 11.10
CIELCh	85, 11.506, 105.284
Yxy	66.4978, 0.3295, 0.3540
Android (android.graphics.Color)	4292400832 (0xFFD8D6C0)
YUV	212.0900, -9.9044, 3.4291
Hunter-Lab	81.5462, -7.2199, 13.8553

Details

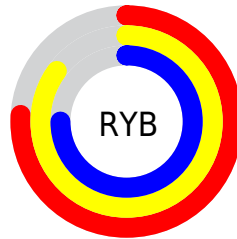
The Yxy color **66.4978, 0.3295, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7990, 0.2953, 0.3027**, and the grayscale version is **65.9721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **34.2374, 0.3330, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **64.6713, 0.3453, 0.3771**, and if you desaturate by 10%, it is **68.4816, 0.3144, 0.3315**.

Distribution



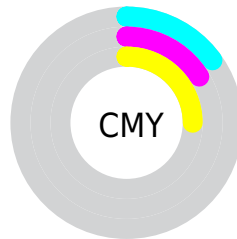
- Red (85%)
- Green (84%)
- Blue (75%)



- Red (76%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4978, 0.3295, 0.3540 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 66.4978, 0.3295, 0.3540 by changing the saturation by 10% instead.


 66.4978, 0.3295,
0.3540

 66.4978, 0.3295,
0.3540

448.1551, 0.3216,
0.3422

 48.6766, 0.3313,
0.3568


 114.2005, 0.3268,
0.3498

 34.3630, 0.3336,
0.3602

144.8508, 0.3257,
0.3482

 23.1726, 0.3364,
0.3647


180.5463, 0.3248,
0.3469

 14.7210, 0.3402,
0.3706

221.6714, 0.3240,
0.3457

 8.6238, 0.3454,
0.3788

268.6104, 0.3233,
0.3446

 4.4966, 0.3530,
0.3911

321.7477, 0.3227,

 1.9551, 0.3649,

0.3437

0.4111

381.4678, 0.3221,
0.3429

0.5812, 0.4515,
0.5485

0.0000, 0.0000,
0.0000

66.4978, 0.3295,
0.3540

66.4978, 0.3295,
0.3540

64.6713, 0.3453,
0.3771

68.4816, 0.3144,
0.3315

62.9873, 0.3613,
0.4003

70.6197, 0.3001,
0.3100

61.4420, 0.3771,
0.4226

72.8014, 0.2880,
0.2917

60.0283, 0.3921,
0.4432

73.7857, 0.2881,
0.2937

■ 58.7384, 0.4056,
0.4610

■ 74.7810, 0.2882,
0.2958

■ 57.5636, 0.4170,
0.4752

■ 75.7874, 0.2883,
0.2978

■ 56.4938, 0.4259,
0.4851

■ 76.8048, 0.2883,
0.2998

■ 55.5172, 0.4320,
0.4906

■ 77.8333, 0.2884,
0.3018

■ 54.7104, 0.4355,
0.4924

■ 78.8730, 0.2885,
0.3037

Harmonies

Analogous

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



66.4978, 0.3387, 0.3492



66.4978, 0.3295, 0.3540



66.4978, 0.3160, 0.3518

Triad

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



66.4978, 0.3295, 0.3540



66.4978, 0.2855, 0.3177



66.4978, 0.3234, 0.3155

Complementary

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



66.4978, 0.3295, 0.3540



54.7990, 0.2953, 0.3027

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.



66.4978, 0.3090, 0.3075



66.4978, 0.3295, 0.3540



66.4978, 0.2873, 0.3084

Square

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



66.4978, 0.3295, 0.3540



66.4978, 0.2907, 0.3304



66.4978, 0.2958, 0.3048



66.4978, 0.3351, 0.3270

Rectangle

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



66.4978, 0.3295, 0.3540



66.4978, 0.3063, 0.3466



66.4978, 0.2958, 0.3048



66.4978, 0.3187, 0.3123

Sweetspot

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



66.5007, 0.3295, 0.3540



99.0955, 0.3172, 0.3357



56.2315, 0.3306, 0.3263



21.1595, 0.3184, 0.3375



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.



66.5007, 0.3295, 0.3540



96.2297, 0.3326, 0.3586



66.1374, 0.3220, 0.3569



14.3276, 0.3269, 0.3501



32.4412, 0.4352, 0.4926



2.0119, 0.4322, 0.4951

Inverse Universe

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



54.7990, 0.2953, 0.3027



76.4240, 0.2920, 0.2976



55.1759, 0.3027, 0.3008



12.1797, 0.2981, 0.3070



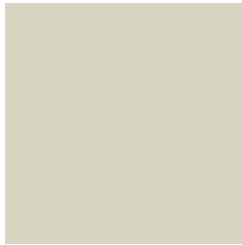
3.2700, 0.1517, 0.0661



0.2584, 0.1566, 0.0838

Previews

White Background



This preview shows how the Yxy color 66.4978, 0.3295, 0.3540 looks on a white background.

Color Contrast Check

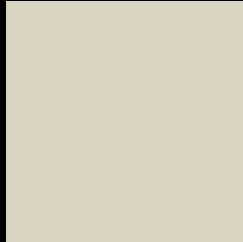
Large Text (above 18pt) WCAG AA × Fail

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 66.4978, 0.3295, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

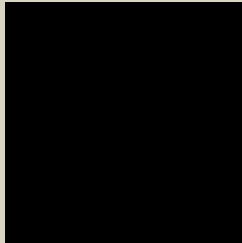
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

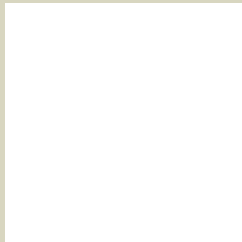
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4978, 0.3295, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 66.4978, 0.3295, 0.3540.



This preview shows how white text looks on a background with the Yxy color 66.4978, 0.3295, 0.3540.

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

66.4978, 0.3295, 0.3540

Protanopia

66.3782, 0.3351, 0.3526

Deuteranopia

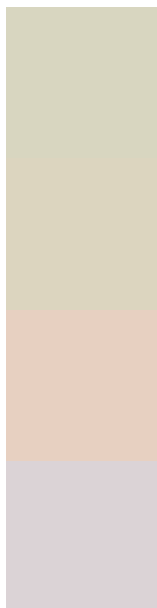
66.0830, 0.3483, 0.3409



Tritanopia

66.4641, 0.3099, 0.3104

Trichromacy



Original Color

66.4978, 0.3295, 0.3540

Protanomaly

66.5657, 0.3334, 0.3539

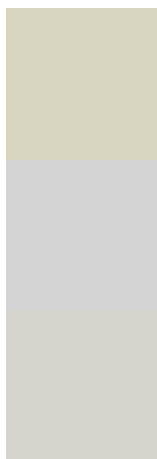
Deuteranomaly

65.9509, 0.3413, 0.3456

Tritanomaly

66.5036, 0.3166, 0.3257

Monochromacy



Original Color

66.4978, 0.3295, 0.3540

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1424, 0.3182, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4978, 0.3295, 0.3540 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, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 192)  
}
```

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, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 192) }
```

Border

The CSS property to change the border of an element to Yxy 66.4978, 0.3295, 0.3540 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, 214, 192) }
```

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

```
.border{ border-color:rgb(216, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4978, 0.3295, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 192) }
```

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

```
.background{ background-color: rgb(216,  
214, 192) }
```

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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