

Converting Colors

$Yxy(66.8277, 0.3248, 0.3456)$

Have a look what the booklet for
Yxy(66.8277, 0.3248, 0.3456)
contains.

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Color

Yxy(66.8156, 0.3245, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6C7
RGB	216, 214, 199
RGB Percent	85%, 84%, 78%
CMY	0.1531, 0.1607, 0.2196
CMYK	0.00, 0.01, 0.08, 0.15
HSL	53°, 18%, 81%
HSV	53°, 8%, 85%
XYZ	62.6638, 66.8156, 63.6293
YIQ	212.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

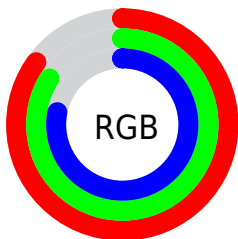
Format	Color
RYB	201, 216, 199
Decimal	14210759
CIELab	85.41, -1.94, 7.64
CIELCh	85, 7.879, 104.265
Yxy	66.8156, 0.3245, 0.3460
Android (android.graphics.Color)	4292400839 (0xFFD8D6C7)
YUV	212.8880, -6.8468, 2.7292
Hunter-Lab	81.7408, -6.2056, 11.0656

Details

The Yxy color **66.8156, 0.3245, 0.3460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8423, 0.3007, 0.3114**, and the grayscale version is **66.5020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4177, 0.3274, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **64.6488, 0.3402, 0.3684**, and if you desaturate by 10%, it is **69.1494, 0.3096, 0.3244**.

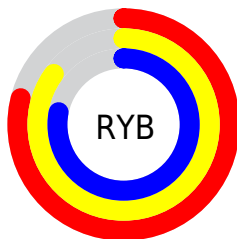
Distribution



Red (85%)

Green (84%)

Blue (78%)



Red (79%)

Yellow (85%)

Blue (78%)

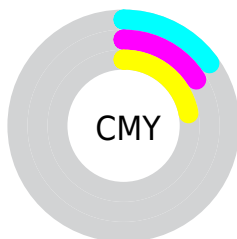


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8156, 0.3245, 0.3460 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 66.8156, 0.3245, 0.3460 by changing the saturation by 10% instead.

■ 66.8156, 0.3245,
0.3460

■ 66.8156, 0.3245,
0.3460

449.2881, 0.3190,
0.3380

■ 48.9348, 0.3258,
0.3479

114.6561, 0.3226,
0.3432

■ 34.5678, 0.3274,
0.3502

145.3847, 0.3218,
0.3421

■ 23.3301, 0.3294,
0.3532

181.1645, 0.3212,
0.3412

■ 14.8374, 0.3321,
0.3572

222.3802, 0.3206,
0.3404

■ 8.7054, 0.3358,
0.3628

269.4160, 0.3201,
0.3397

■ 4.5495, 0.3413,
0.3710

322.6563, 0.3197,

■ 1.9855, 0.3500,

0.3390

0.3846

382.4855, 0.3193,
0.3385

■ 0.5990, 0.4212,
0.4833

■ 0.0000, 0.0000,
0.0000

■ 66.8156, 0.3245,
0.3460

■ 66.8156, 0.3245,
0.3460

■ 64.6488, 0.3402,
0.3684

■ 69.1494, 0.3096,
0.3244

■ 62.6342, 0.3565,
0.3910

■ 71.6473, 0.2957,
0.3041

■ 60.7682, 0.3729,
0.4131

■ 73.7381, 0.2880,
0.2937

■ 59.0440, 0.3888,
0.4339

■ 75.0506, 0.2881,
0.2963

■ 57.4538, 0.4035,
0.4524

■ 76.3822, 0.2882,
0.2990

■ 55.9893, 0.4165,
0.4676

■ 77.7331, 0.2883,
0.3016

■ 54.6408, 0.4271,
0.4787

■ 79.1032, 0.2884,
0.3042

■ 53.3972, 0.4350,
0.4853

■ 80.4928, 0.2885,
0.3068

■ 52.2427, 0.4401,
0.4877

■ 81.9018, 0.2886,
0.3094

Harmonies

Analogous

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



66.8156, 0.3306, 0.3427



66.8156, 0.3245, 0.3460



66.8156, 0.3153, 0.3446

Triad

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



66.8156, 0.3245, 0.3460



66.8156, 0.2940, 0.3216



66.8156, 0.3197, 0.3195

Complementary

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



66.8156, 0.3245, 0.3460



58.8423, 0.3007, 0.3114

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.



66.8156, 0.3099, 0.3140



66.8156, 0.3245, 0.3460



66.8156, 0.2951, 0.3151

Square

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



66.8156, 0.3245, 0.3460



66.8156, 0.2978, 0.3304



66.8156, 0.3009, 0.3124



66.8156, 0.3278, 0.3274

Rectangle

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



66.8156, 0.3245, 0.3460



66.8156, 0.3087, 0.3412



66.8156, 0.3009, 0.3124



66.8156, 0.3165, 0.3173

Sweetspot

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



66.8185, 0.3245, 0.3460



99.3055, 0.3157, 0.3333



59.6572, 0.3246, 0.3268



21.2628, 0.3155, 0.3331



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.



66.8185, 0.3245, 0.3460



96.9514, 0.3264, 0.3487



66.8324, 0.3195, 0.3484



14.2669, 0.3269, 0.3495



30.8957, 0.4407, 0.4882



1.9337, 0.4366, 0.4916

Inverse Universe

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



58.8423, 0.3007, 0.3114



83.6097, 0.2987, 0.3085



58.8554, 0.3056, 0.3094



12.2343, 0.2981, 0.3077



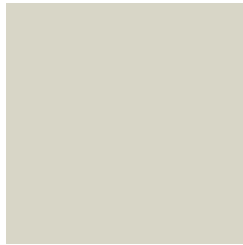
3.4165, 0.1524, 0.0687



0.2843, 0.1586, 0.0909

Previews

White Background



This preview shows how the Yxy color 66.8156, 0.3245, 0.3460 looks on a white background.

Color Contrast Check

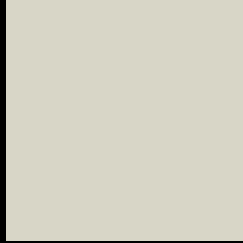
Large Text (above 18pt) WCAG AA × Fail

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 66.8156, 0.3245, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

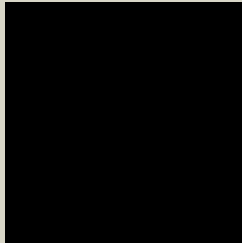
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

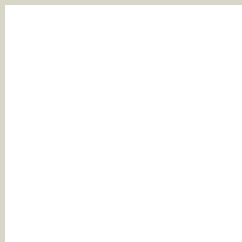
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8156, 0.3245, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 66.8156, 0.3245, 0.3460.



This preview shows how white text looks on a background with the Yxy color 66.8156, 0.3245, 0.3460.

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

66.8156, 0.3245, 0.3460

Protanopia

67.0379, 0.3292, 0.3458

Deuteranopia

66.7104, 0.3420, 0.3345



Tritanopia

66.7998, 0.3091, 0.3115

Trichromacy



Original Color

66.8156, 0.3245, 0.3460

Protanomaly

66.7258, 0.3276, 0.3459

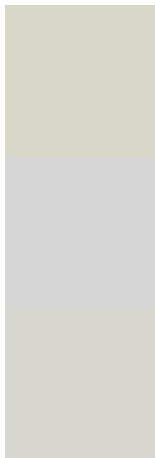
Deuteranomaly

66.7600, 0.3360, 0.3389

Tritanomaly

66.6065, 0.3152, 0.3235

Monochromacy



Original Color

66.8156, 0.3245, 0.3460

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4387, 0.3169, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8156, 0.3245, 0.3460 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 199) }
```

Border

The CSS property to change the border of an element to Yxy 66.8156, 0.3245, 0.3460 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, 199) }
```

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

```
.border{ border-color:rgb(216, 214, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 214, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 214, 199); box-shadow:4px 4px 4px 4px rgb(216, 214, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8156, 0.3245, 0.3460 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, 199) }
```

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

```
.background{ background-color: rgb(216,  
214, 199) }
```

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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