

Converting Colors

$Yxy(56.6813, 0.3368, 0.3299)$

Have a look what the booklet for
Yxy(56.6813, 0.3368, 0.3299)
contains.

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Color

Yxy(56.6765, 0.3366, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	DCC0BF
RGB	220, 192, 191
RGB Percent	86%, 75%, 75%
CMY	0.1372, 0.2471, 0.2509
CMYK	0.00, 0.13, 0.13, 0.14
HSL	2°, 29%, 81%
HSV	2°, 13%, 86%
XYZ	57.7750, 56.6765, 57.1914
YIQ	200.2580, 17.0090, 5.6250

Conversions

Conversions Part 2

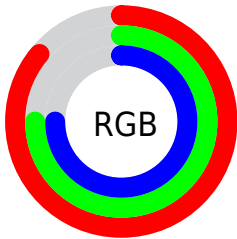
Format	Color
R _Y B	220, 192, 191
Decimal	14467263
CIE Lab	80.00, 9.77, 4.14
CIE LCh	80, 10.610, 22.987
Yxy	56.6765, 0.3366, 0.3302
Android (android.graphics.Color)	4292657343 (0xFFDCC0BF)
YUV	200.2580, -4.5642, 17.3137
Hunter-Lab	75.2838, 5.2395, 7.6574

Details

The Yxy color **56.6765, 0.3366, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9310, 0.2926, 0.3278**, and the grayscale version is **57.9501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1102, 0.3178, 0.3300**, and **28.2995, 0.3427, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **47.1117, 0.3599, 0.3312**, and if you desaturate by 10%, it is **67.7400, 0.3179, 0.3293**.

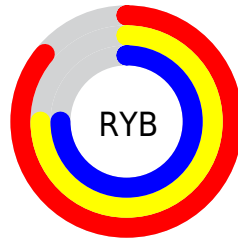
Distribution



Red (86%)

Green (75%)

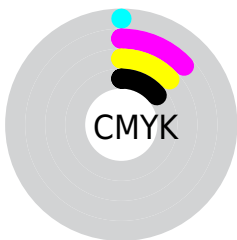
Blue (75%)



Red (86%)

Yellow (75%)

Blue (75%)

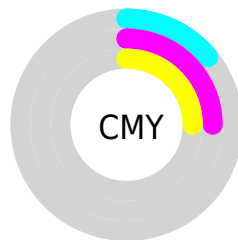


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (14%)



Cyan (14%)

Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6765, 0.3366, 0.3302 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 56.6765, 0.3366, 0.3302 by changing the saturation by 10% instead.


 56.6765, 0.3366,
0.3302

 56.6765, 0.3366,
0.3302


412.2360, 0.3250,
0.3297

 40.7456, 0.3394,
0.3303

 99.9930, 0.3325,
0.3301

 28.1203, 0.3430,
0.3304


128.1474, 0.3309,
0.3300

 18.4164, 0.3476,
0.3305


161.1450, 0.3295,
0.3299

 11.2493, 0.3539,
0.3306

199.3703, 0.3284,
0.3299

 6.2348, 0.3630,
0.3306

243.2077, 0.3274,
0.3298

 2.9884, 0.3772,
0.3304

293.0415, 0.3265,

 1.1257, 0.4025,

0.3298

349.2561, 0.3257,
0.3298

0.3295

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6765, 0.3366,
0.3302

56.6765, 0.3366,
0.3302

47.1117, 0.3599,
0.3312

67.7400, 0.3179,
0.3293

38.9740, 0.3888,
0.3322

80.3548, 0.3028,
0.3284

32.1974, 0.4240,
0.3332

93.9594, 0.2917,
0.3289

26.7076, 0.4656,
0.3340

■ 22.4231, 0.5118,
0.3345

■ 19.2535, 0.5587,
0.3344

■ 17.0951, 0.5995,
0.3335

■ 15.8254, 0.6274,
0.3321

■ 15.3812, 0.6381,
0.3315

Harmonies

Analogous

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



56.6765, 0.3265, 0.3185



56.6765, 0.3366, 0.3302



56.6765, 0.3402, 0.3419

Triad

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



56.6765, 0.3366, 0.3302



56.6765, 0.3122, 0.3495



56.6765, 0.2896, 0.3075

Complementary

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



56.6765, 0.3366, 0.3302



66.9310, 0.2926, 0.3278

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.



56.6765, 0.2860, 0.3153



56.6765, 0.3366, 0.3302



56.6765, 0.2989, 0.3398

Square

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



56.6765, 0.3366, 0.3302



56.6765, 0.3259, 0.3534



56.6765, 0.2894, 0.3271



56.6765, 0.2993, 0.3056

Rectangle

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



56.6765, 0.3366, 0.3302



56.6765, 0.3384, 0.3481



56.6765, 0.2894, 0.3271



56.6765, 0.2876, 0.3095

Sweetspot

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



56.6790, 0.3366, 0.3302



93.2333, 0.3193, 0.3294



57.6041, 0.3150, 0.2977



19.6918, 0.3206, 0.3294



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.



56.6790, 0.3366, 0.3302



75.0234, 0.3430, 0.3305



63.3583, 0.3344, 0.3466



13.1218, 0.3291, 0.3298



9.0575, 0.6374, 0.3321



0.6123, 0.6295, 0.3384

Inverse Universe

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



66.9310, 0.2926, 0.3278



92.1873, 0.2883, 0.3275



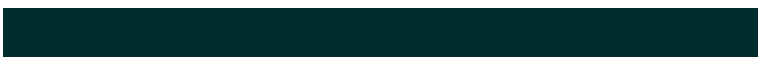
59.6949, 0.2922, 0.3107



14.7499, 0.2982, 0.3282



30.8625, 0.2218, 0.3184



2.0236, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 56.6765, 0.3366, 0.3302 looks on a white background.

Color Contrast Check

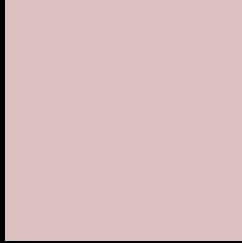
Large Text (above 18pt) WCAG AA × Fail

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 56.6765, 0.3366, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

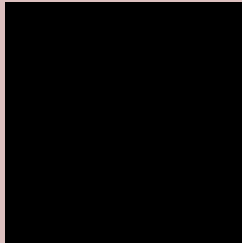
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6765, 0.3366, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 56.6765, 0.3366, 0.3302.



This preview shows how white text looks on a background with the Yxy color 56.6765, 0.3366, 0.3302.

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

56.6765, 0.3366, 0.3302

Protanopia

56.9797, 0.3196, 0.3338

Deuteranopia

56.6765, 0.3366, 0.3302



Tritanopia

56.7643, 0.3274, 0.3121

Trichromacy



Original Color

56.6765, 0.3366, 0.3302

Protanomaly

56.8854, 0.3254, 0.3326

Deuteranomaly

56.6765, 0.3366, 0.3302

Tritanomaly

56.8039, 0.3304, 0.3188

Monochromacy



Original Color

56.6765, 0.3366, 0.3302

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2291, 0.3207, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6765, 0.3366, 0.3302 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, 192, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 192, 191)  
}
```

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, 192, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 192, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.6765, 0.3366, 0.3302 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, 192, 191) }
```

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

```
.border{ border-color:rgb(220, 192, 191) }
```

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

Here you see how a box with a 4 pixel rgb(220, 192, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 192,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6765, 0.3366, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 192, 191) }
```

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

```
.background{ background-color: rgb(220,  
192, 191) }
```

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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