

Converting Colors

Yxy(56.1248, 0.3165, 0.3223)

Have a look what the booklet for
Yxy(56.1248, 0.3165, 0.3223)
contains.

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Color

Yxy(56.2264, 0.3162, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	CDC3C9
RGB	205, 195, 201
RGB Percent	80%, 76%, 79%
CMY	0.1962, 0.2352, 0.2117
CMYK	0.00, 0.05, 0.02, 0.20
HSL	324°, 9%, 78%
HSV	324°, 5%, 80%
XYZ	55.2308, 56.2264, 63.2132
YIQ	198.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

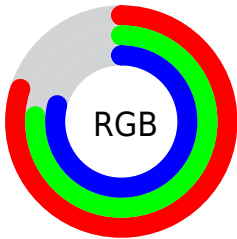
Format	Color
R_{YB}	205, 195, 201
Decimal	13485001
CIE Lab	79.74, 4.56, -1.77
CIE LCh	80, 4.888, 338.749
Yxy	56.2264, 0.3162, 0.3219
Android (android.graphics.Color)	4291675081 (0xFFCDC3C9)
YUV	198.6740, 1.1467, 5.5479
Hunter-Lab	74.9843, 0.2544, 2.5063

Details

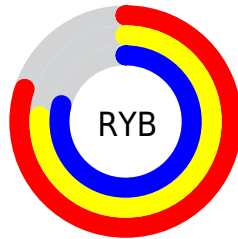
The Yxy color **56.2264, 0.3162, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3752, 0.3094, 0.3362**, and the grayscale version is **56.8948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **27.7356, 0.3175, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **47.2920, 0.3244, 0.3067**, and if you desaturate by 10%, it is **66.4467, 0.3094, 0.3363**.

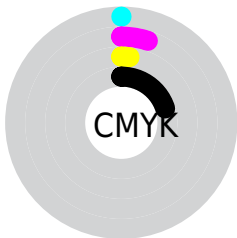
Distribution



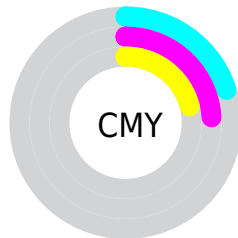
- Red (80%)
- Green (76%)
- Blue (79%)



- Red (80%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2264, 0.3162, 0.3219 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 56.2264, 0.3162, 0.3219 by changing the saturation by 10% instead.

■ 56.2264, 0.3162,
0.3219

■ 56.2264, 0.3162,
0.3219

410.5442, 0.3145,
0.3253

■ 40.3845, 0.3166,
0.3211

■ 99.3355, 0.3156,
0.3231

■ 27.8384, 0.3171,
0.3200

127.3715, 0.3154,
0.3236

■ 18.2039, 0.3178,
0.3187

160.2410, 0.3152,
0.3240

■ 11.0965, 0.3186,
0.3169

198.3283, 0.3150,
0.3243

■ 6.1318, 0.3199,
0.3143

242.0179, 0.3149,
0.3246

■ 2.9254, 0.3219,
0.3103

291.6941, 0.3147,

■ 1.0929, 0.3253,

0.3249

0.3033

347.7414, 0.3146,
0.3251

0.0000, 0.4754,
0.0000

0.0000, 0.0000,
0.0000

56.2264, 0.3162,
0.3219

56.2264, 0.3162,
0.3219

47.2920, 0.3244,
0.3067

66.4467, 0.3094,
0.3363

39.5850, 0.3341,
0.2909

77.9941, 0.3037,
0.3497

33.0529, 0.3456,
0.2750

89.9539, 0.2989,
0.3606

27.6367, 0.3588,
0.2596

90.4093, 0.2945,
0.3517

■ 23.2722, 0.3738,
0.2456

■ 90.8861, 0.2902,
0.3429

■ 19.8888, 0.3905,
0.2341

■ 91.3846, 0.2859,
0.3343

■ 17.4069, 0.4082,
0.2262

■ 91.7153, 0.2832,
0.3289

■ 15.7344, 0.4265,
0.2229

■ 14.7590, 0.4446,
0.2249

Harmonies

Analogous

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



56.2264, 0.3097, 0.3187



56.2264, 0.3162, 0.3219



56.2264, 0.3218, 0.3270

Triad

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



56.2264, 0.3162, 0.3219



56.2264, 0.3214, 0.3400



56.2264, 0.3006, 0.3252

Complementary

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



56.2264, 0.3162, 0.3219



59.3752, 0.3094, 0.3362

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.



56.2264, 0.3037, 0.3310



56.2264, 0.3162, 0.3219



56.2264, 0.3157, 0.3396

Square

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



56.2264, 0.3162, 0.3219



56.2264, 0.3248, 0.3374



56.2264, 0.3092, 0.3363



56.2264, 0.3008, 0.3205

Rectangle

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



56.2264, 0.3162, 0.3219



56.2264, 0.3243, 0.3308



56.2264, 0.3092, 0.3363



56.2264, 0.3013, 0.3271

Sweetspot

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



56.2288, 0.3162, 0.3219



98.3188, 0.3134, 0.3275



55.5608, 0.3084, 0.3171



21.0620, 0.3134, 0.3276



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.



56.2288, 0.3162, 0.3219



90.2390, 0.3171, 0.3201



56.0042, 0.3198, 0.3276



11.8881, 0.3175, 0.3194



9.0004, 0.4513, 0.2260



0.4790, 0.4192, 0.2083

Inverse Universe

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



56.2288, 0.3162, 0.3219



90.2390, 0.3171, 0.3201



59.6040, 0.3060, 0.3304



11.8881, 0.3175, 0.3194



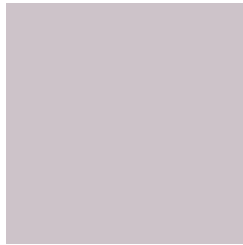
9.0004, 0.4513, 0.2260



0.4790, 0.4192, 0.2083

Previews

White Background



This preview shows how the Yxy color 56.2264, 0.3162, 0.3219 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 56.2264, 0.3162, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

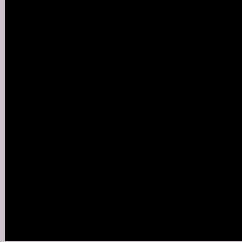
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

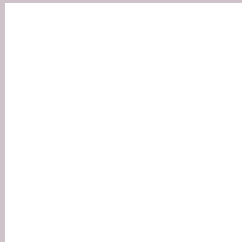
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2264, 0.3162, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 56.2264, 0.3162, 0.3219.

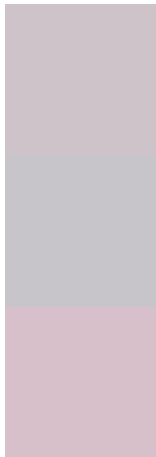


This preview shows how white text looks on a background with the Yxy color 56.2264, 0.3162, 0.3219.

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

56.2264, 0.3162, 0.3219

Protanopia

56.4761, 0.3114, 0.3230

Deuteranopia

56.4106, 0.3238, 0.3175



Tritanopia

56.3088, 0.3112, 0.3115

Trichromacy



Original Color

56.2264, 0.3162, 0.3219

Protanomaly

56.3007, 0.3131, 0.3219

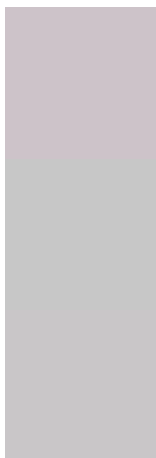
Deuteranomaly

56.2531, 0.3205, 0.3185

Tritanomaly

56.1616, 0.3134, 0.3149

Monochromacy



Original Color

56.2264, 0.3162, 0.3219

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9758, 0.3136, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2264, 0.3162, 0.3219 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(205, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 201)  
}
```

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(205, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 201) }
```

Border

The CSS property to change the border of an element to Yxy 56.2264, 0.3162, 0.3219 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(205, 195, 201) }
```

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

```
.border{ border-color:rgb(205, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2264, 0.3162, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 201) }
```

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

```
.background{ background-color: rgb(205,  
195, 201) }
```

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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