

Converting Colors

Yxy(56.6567, 0.3287, 0.3471)

Have a look what the booklet for
Yxy(56.6567, 0.3287, 0.3471)
contains.

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Color

Yxy(56.6444, 0.3287, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	CCC6B7
RGB	204, 198, 183
RGB Percent	80%, 78%, 72%
CMY	0.2000, 0.2235, 0.2823
CMYK	0.00, 0.03, 0.10, 0.20
HSL	43°, 17%, 76%
HSV	43°, 10%, 80%
XYZ	53.6416, 56.6444, 52.9073
YIQ	198.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

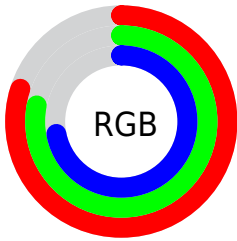
Format	Color
RYB	191, 204, 183
Decimal	13420215
CIELab	79.98, -0.51, 8.25
CIELCh	80, 8.262, 93.509
Yxy	56.6444, 0.3287, 0.3471
Android (android.graphics.Color)	4291610295 (0xFFCCC6B7)
YUV	198.0840, -7.4364, 5.1883
Hunter-Lab	75.2625, -4.4875, 11.0046

Details

The Yxy color **56.6444, 0.3287, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8175, 0.2968, 0.3102**, and the grayscale version is **56.5687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **28.0423, 0.3333, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **53.2494, 0.3457, 0.3655**, and if you desaturate by 10%, it is **60.2697, 0.3131, 0.3295**.

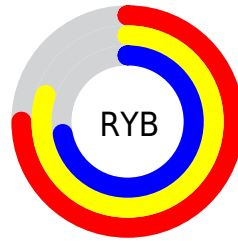
Distribution



Red (80%)

Green (78%)

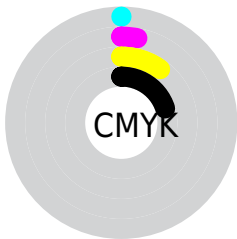
Blue (72%)



Red (75%)

Yellow (80%)

Blue (72%)

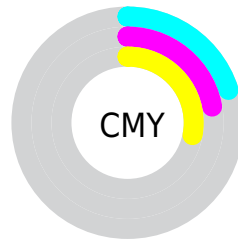


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (22%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6444, 0.3287, 0.3471 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 56.6444, 0.3287, 0.3471 by changing the saturation by 10% instead.


 56.6444, 0.3287,
0.3471

 56.6444, 0.3287,
0.3471

412.1155, 0.3210,
0.3383

 40.7198, 0.3306,
0.3492


 99.9461, 0.3259,
0.3440

 28.1002, 0.3329,
0.3519


128.0921, 0.3249,
0.3428

 18.4012, 0.3359,
0.3553


161.0806, 0.3240,
0.3418

 11.2384, 0.3401,
0.3600

199.2960, 0.3232,
0.3409

 6.2274, 0.3460,
0.3668

243.1229, 0.3226,
0.3401

 2.9839, 0.3550,
0.3772

292.9455, 0.3220,

 1.1233, 0.3758,

0.3395

0.4008

349.1482, 0.3214,
0.3389

0.0000, 0.0000,
0.0000

56.6444, 0.3287,
0.3471

56.6444, 0.3287,
0.3471

53.2494, 0.3457,
0.3655

60.2697, 0.3131,
0.3295

50.0707, 0.3639,
0.3841

64.1238, 0.2990,
0.3129

47.1041, 0.3831,
0.4025

68.2150, 0.2864,
0.2974

44.3423, 0.4028,
0.4198

71.9150, 0.2804,
0.2928

41.7773, 0.4223,
0.4350

75.0454, 0.2808,
0.2991

■ 39.4006, 0.4406,
0.4469

■ 78.2832, 0.2812,
0.3055

■ 37.2023, 0.4569,
0.4546

■ 81.6297, 0.2816,
0.3117

■ 35.1710, 0.4705,
0.4575

■ 85.0858, 0.2820,
0.3180

■ 33.3390, 0.4810,
0.4562

■ 88.6524, 0.2824,
0.3241

Harmonies

Analogous

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



56.6444, 0.3337, 0.3418



56.6444, 0.3287, 0.3471



56.6444, 0.3195, 0.3475

Triad

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



56.6444, 0.3287, 0.3471



56.6444, 0.2929, 0.3241



56.6444, 0.3166, 0.3159

Complementary

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



56.6444, 0.3287, 0.3471



50.8175, 0.2968, 0.3102

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.



56.6444, 0.3057, 0.3113



56.6444, 0.3287, 0.3471



56.6444, 0.2922, 0.3158

Square

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



56.6444, 0.3287, 0.3471



56.6444, 0.2989, 0.3340



56.6444, 0.2968, 0.3112



56.6444, 0.3266, 0.3239

Rectangle

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



56.6444, 0.3287, 0.3471



56.6444, 0.3122, 0.3448



56.6444, 0.2968, 0.3112



56.6444, 0.3130, 0.3139

Sweetspot

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



56.6469, 0.3287, 0.3471



98.1330, 0.3173, 0.3342



50.3921, 0.3256, 0.3214



20.8990, 0.3185, 0.3357



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.



56.6469, 0.3287, 0.3471



92.7419, 0.3318, 0.3505



58.8524, 0.3246, 0.3544



12.5350, 0.3273, 0.3455



21.1512, 0.4800, 0.4571



1.2165, 0.4655, 0.4686

Inverse Universe

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



50.8175, 0.2968, 0.3102



81.4805, 0.2938, 0.3066



48.8181, 0.3001, 0.3029



11.3564, 0.2983, 0.3120



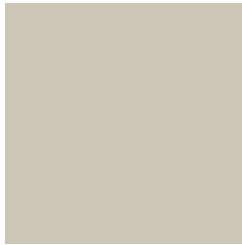
4.7984, 0.1605, 0.0976



0.3788, 0.1715, 0.1375

Previews

White Background



This preview shows how the Yxy color 56.6444, 0.3287, 0.3471 looks on a white background.

Color Contrast Check

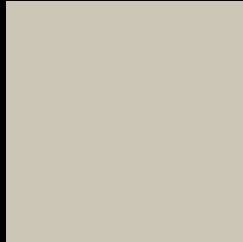
Large Text (above 18pt) WCAG AA × Fail

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 56.6444, 0.3287, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

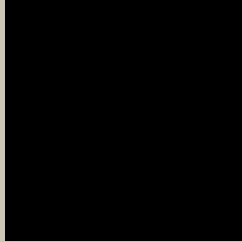
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

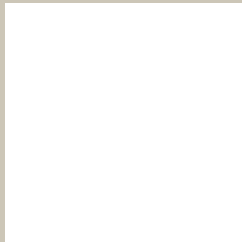
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6444, 0.3287, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 56.6444, 0.3287, 0.3471.



This preview shows how white text looks on a background with the Yxy color 56.6444, 0.3287, 0.3471.

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

56.6444, 0.3287, 0.3471

Protanopia

56.7862, 0.3295, 0.3471

Deuteranopia

56.4103, 0.3449, 0.3371



Tritanopia

56.5969, 0.3127, 0.3116

Trichromacy



Original Color

56.6444, 0.3287, 0.3471

Protanomaly

56.7862, 0.3295, 0.3471

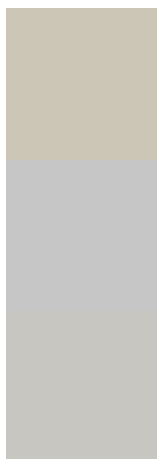
Deuteranomaly

56.6432, 0.3385, 0.3408

Tritanomaly

56.4657, 0.3186, 0.3231

Monochromacy



Original Color

56.6444, 0.3287, 0.3471

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5178, 0.3180, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6444, 0.3287, 0.3471 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(204, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 198, 183)  
}
```

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(204, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 198, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.6444, 0.3287, 0.3471 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(204, 198, 183) }
```

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

```
.border{ border-color:rgb(204, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 198, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 198, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 198,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6444, 0.3287, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 198, 183) }
```

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

```
.background{ background-color: rgb(204,  
198, 183) }
```

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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