

Converting Colors

Yxy(56.4176, 0.3222, 0.3349)

Have a look what the booklet for
Yxy(56.4176, 0.3222, 0.3349)
contains.

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Color

Yxy(56.5756, 0.3220, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	CCC5C0
RGB	204, 197, 192
RGB Percent	80%, 77%, 75%
CMY	0.2001, 0.2274, 0.2470
CMYK	0.00, 0.03, 0.06, 0.20
HSL	25°, 11%, 78%
HSV	25°, 6%, 80%
XYZ	54.3801, 56.5756, 57.9267
YIQ	198.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

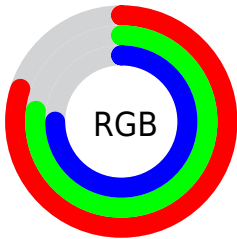
Format	Color
R_{YB}	204, 201, 192
Decimal	13419968
CIE Lab	79.94, 1.55, 3.36
CIE LCh	80, 3.697, 65.221
Yxy	56.5756, 0.3220, 0.3350
Android (android.graphics.Color)	4291610048 (0xFFCCC5C0)
YUV	198.5230, -3.2158, 4.8033
Hunter-Lab	75.2168, -2.5776, 6.9907

Details

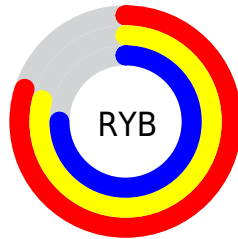
The Yxy color **56.5756, 0.3220, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4066, 0.3038, 0.3229**, and the grayscale version is **56.8246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9209, 0.3168, 0.3347**, and **27.9930, 0.3242, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **50.5498, 0.3398, 0.3457**, and if you desaturate by 10%, it is **63.1570, 0.3067, 0.3249**.

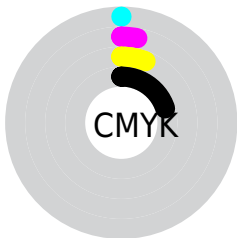
Distribution



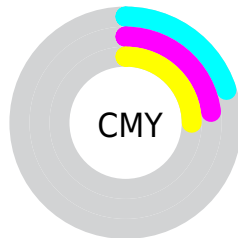
- Red (80%)
- Green (77%)
- Blue (75%)



- Red (80%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5756, 0.3220, 0.3350 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 56.5756, 0.3220, 0.3350 by changing the saturation by 10% instead.

■ 56.5756, 0.3220,
0.3350

■ 56.5756, 0.3220,
0.3350

411.8571, 0.3175,
0.3321

■ 40.6646, 0.3231,
0.3357

■ 99.8457, 0.3204,
0.3340

■ 28.0571, 0.3245,
0.3366

127.9735, 0.3198,
0.3336

■ 18.3687, 0.3262,
0.3377

160.9425, 0.3193,
0.3333

■ 11.2150, 0.3287,
0.3392

199.1369, 0.3188,
0.3330

■ 6.2117, 0.3322,
0.3414

242.9411, 0.3184,
0.3327

■ 2.9742, 0.3376,
0.3448

292.7397, 0.3181,

■ 1.1183, 0.3473,

0.3325

0.3506

348.9169, 0.3178,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5756, 0.3220,
0.3350

56.5756, 0.3220,
0.3350

50.5498, 0.3398,
0.3457

63.1570, 0.3067,
0.3249

45.0575, 0.3604,
0.3570

70.3009, 0.2935,
0.3156

40.0854, 0.3840,
0.3684

78.0235, 0.2822,
0.3071

35.6171, 0.4107,
0.3794

85.0813, 0.2820,
0.3179

■ 31.6354, 0.4400,
0.3891

■ 91.5755, 0.2827,
0.3289

■ 28.1216, 0.4711,
0.3964

■ 25.0558, 0.5023,
0.4001

■ 22.4161, 0.5315,
0.3990

■ 20.1776, 0.5564,
0.3925

Harmonies

Analogous

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



56.5756, 0.3218, 0.3313



56.5756, 0.3220, 0.3350



56.5756, 0.3197, 0.3372

Triad

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



56.5756, 0.3220, 0.3350



56.5756, 0.3063, 0.3310



56.5756, 0.3099, 0.3210

Complementary

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



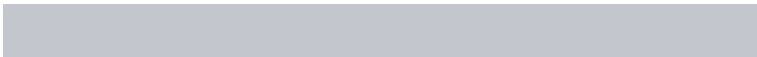
56.5756, 0.3220, 0.3350



56.4066, 0.3038, 0.3229

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.



56.5756, 0.3058, 0.3209



56.5756, 0.3220, 0.3350



56.5756, 0.3037, 0.3267

Square

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



56.5756, 0.3220, 0.3350



56.5756, 0.3106, 0.3349



56.5756, 0.3035, 0.3230



56.5756, 0.3148, 0.3233

Rectangle

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



56.5756, 0.3220, 0.3350



56.5756, 0.3170, 0.3374



56.5756, 0.3035, 0.3230



56.5756, 0.3084, 0.3208

Sweetspot

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



56.5781, 0.3220, 0.3350



97.7950, 0.3158, 0.3310



54.6613, 0.3171, 0.3207



20.9553, 0.3157, 0.3309



0.0000, 0.0000, 0.0000



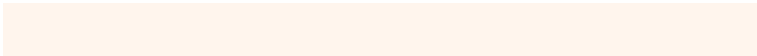
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5781, 0.3220, 0.3350



92.4476, 0.3240, 0.3363



59.3481, 0.3214, 0.3421



12.2251, 0.3247, 0.3367



12.3608, 0.5633, 0.3909



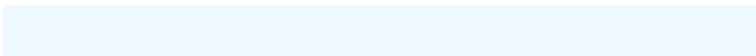
0.7865, 0.5286, 0.4185

Inverse Universe

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



56.4066, 0.3038, 0.3229



92.1074, 0.3019, 0.3216



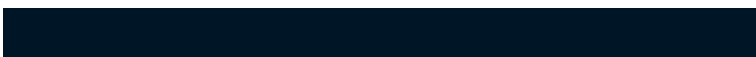
53.7089, 0.3039, 0.3156



12.1773, 0.3012, 0.3212



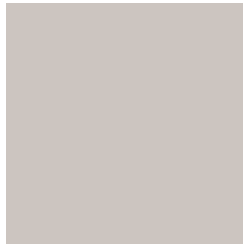
11.2106, 0.1854, 0.1873



0.7262, 0.1939, 0.2178

Previews

White Background



This preview shows how the Yxy color 56.5756, 0.3220, 0.3350 looks on a white background.

Color Contrast Check

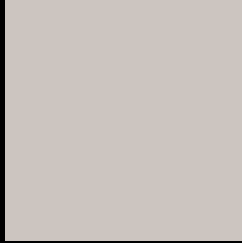
Large Text (above 18pt) WCAG AA × Fail

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 56.5756, 0.3220, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

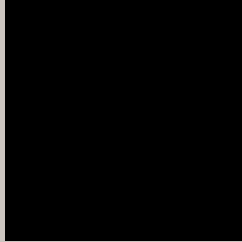
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

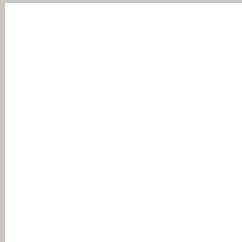
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5756, 0.3220, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 56.5756, 0.3220, 0.3350.

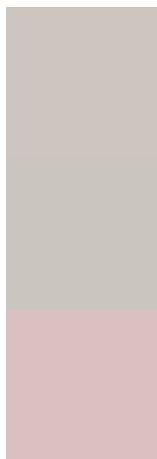


This preview shows how white text looks on a background with the Yxy color 56.5756, 0.3220, 0.3350.

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

56.5756, 0.3220, 0.3350

Protanopia

56.4348, 0.3212, 0.3350

Deuteranopia

56.6096, 0.3342, 0.3279



Tritanopia

56.5021, 0.3112, 0.3104

Trichromacy



Original Color

56.5756, 0.3220, 0.3350

Protanomaly

56.4348, 0.3212, 0.3350

Deuteranomaly

56.7300, 0.3297, 0.3302

Tritanomaly

56.4638, 0.3155, 0.3196

Monochromacy



Original Color

56.5756, 0.3220, 0.3350

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7912, 0.3166, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5756, 0.3220, 0.3350 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, 197, 192) looks like.

```
.text, #text, p{  
    color:rgb(204, 197, 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(204, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 197, 192) }
```

Border

The CSS property to change the border of an element to Yxy 56.5756, 0.3220, 0.3350 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, 197, 192) }
```

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

```
.border{ border-color:rgb(204, 197, 192) }
```

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

Here you see how a box with a 4 pixel rgb(204, 197, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 197,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5756, 0.3220, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 197, 192) }
```

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

```
.background{ background-color: rgb(204,  
197, 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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