

Converting Colors

$Yxy(56.6813, 0.3044, 0.3196)$

Have a look what the booklet for
Yxy(56.6813, 0.3044, 0.3196)
contains.

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Color

Yxy(56.4465, 0.3046, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	C3C6CE
RGB	195, 198, 206
RGB Percent	76%, 78%, 81%
CMY	0.2355, 0.2235, 0.1922
CMYK	0.05, 0.04, 0.00, 0.19
HSL	223°, 10%, 79%
HSV	223°, 5%, 81%
XYZ	53.8309, 56.4465, 66.4492
YIQ	198.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

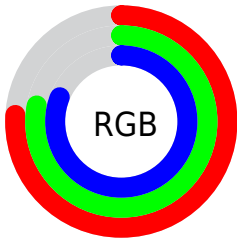
Format	Color
R _Y B	195, 197, 206
Decimal	12830414
CIE Lab	79.87, 0.46, -4.36
CIE LCh	80, 4.381, 276.057
Yxy	56.4465, 0.3046, 0.3194
Android (android.graphics.Color)	4291020494 (0xFFC3C6CE)
YUV	198.0150, 3.9366, -2.6442
Hunter-Lab	75.1309, -3.5846, 0.1528

Details

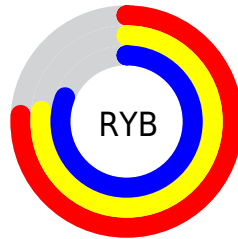
The Yxy color **56.4465, 0.3046, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7405, 0.3208, 0.3384**, and the grayscale version is **56.4565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **27.8762, 0.3019, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **47.4184, 0.2885, 0.2997**, and if you desaturate by 10%, it is **66.5265, 0.3194, 0.3368**.

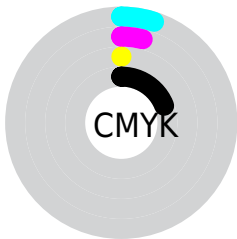
Distribution



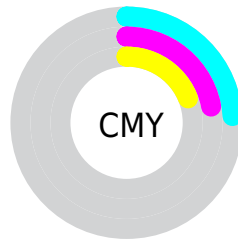
- Red (76%)
- Green (78%)
- Blue (81%)



- Red (76%)
- Yellow (77%)
- Blue (81%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4465, 0.3046, 0.3194 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 56.4465, 0.3046, 0.3194 by changing the saturation by 10% instead.

■ 56.4465, 0.3046,
0.3194

■ 56.4465, 0.3046,
0.3194

411.3720, 0.3085,
0.3240

■ 40.5610, 0.3037,
0.3183

■ 99.6571, 0.3060,
0.3211

■ 27.9762, 0.3025,
0.3169

127.7510, 0.3065,
0.3217

■ 18.3077, 0.3009,
0.3150

160.6832, 0.3070,
0.3222

■ 11.1712, 0.2988,
0.3126

198.8381, 0.3074,
0.3227

■ 6.1821, 0.2958,
0.3090

242.6000, 0.3077,
0.3231

■ 2.9561, 0.2911,
0.3035

292.3533, 0.3080,

■ 1.1089, 0.2828,

0.3235

0.2939

348.4826, 0.3083,
0.3238

0.0000, 0.0000,
0.0000

56.4465, 0.3046,
0.3194

56.4465, 0.3046,
0.3194

47.4184, 0.2885,
0.2997

66.5265, 0.3194,
0.3368

39.4005, 0.2712,
0.2778

77.6843, 0.3329,
0.3520

32.3586, 0.2531,
0.2536

89.6195, 0.3439,
0.3655

26.2539, 0.2345,
0.2276

97.2362, 0.3418,
0.3770

21.0448, 0.2162,
0.2004

■ 16.6865, 0.1990,
0.1729

■ 13.1297, 0.1838,
0.1464

■ 10.3195, 0.1715,
0.1222

■ 8.1923, 0.1626,
0.1017

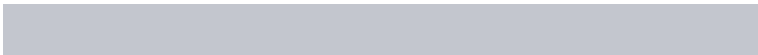
Harmonies

Analogous

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



56.4465, 0.3019, 0.3217



56.4465, 0.3046, 0.3194



56.4465, 0.3095, 0.3196

Triad

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



56.4465, 0.3046, 0.3194



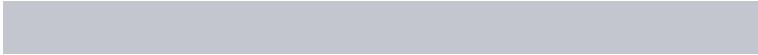
56.4465, 0.3236, 0.3318



56.4465, 0.3101, 0.3359

Complementary

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



56.4465, 0.3046, 0.3194



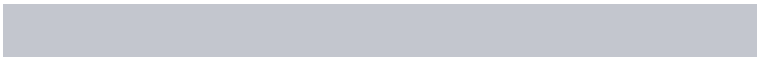
59.7405, 0.3208, 0.3384

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.



56.4465, 0.3159, 0.3386



56.4465, 0.3046, 0.3194



56.4465, 0.3237, 0.3362

Square

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



56.4465, 0.3046, 0.3194



56.4465, 0.3205, 0.3267



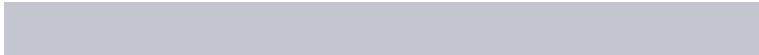
56.4465, 0.3209, 0.3387



56.4465, 0.3050, 0.3313

Rectangle

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



56.4465, 0.3046, 0.3194



56.4465, 0.3134, 0.3212



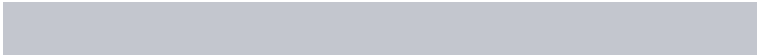
56.4465, 0.3209, 0.3387



56.4465, 0.3120, 0.3371

Sweetspot

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



56.4489, 0.3046, 0.3194



96.7170, 0.3097, 0.3255



60.0438, 0.3066, 0.3327



20.7359, 0.3098, 0.3256



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.



56.4489, 0.3046, 0.3194



90.3615, 0.3035, 0.3181



55.3828, 0.3065, 0.3158



11.9048, 0.3027, 0.3171



4.6977, 0.1600, 0.0959



0.3721, 0.1710, 0.1357

Inverse Universe

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



56.2092, 0.3193, 0.3254



89.9320, 0.3202, 0.3249



60.8620, 0.3187, 0.3421



11.8441, 0.3209, 0.3246



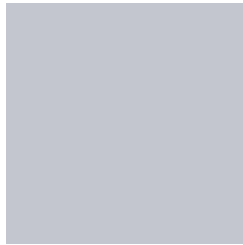
8.2772, 0.5821, 0.2980



0.4401, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 56.4465, 0.3046, 0.3194 looks on a white background.

Color Contrast Check

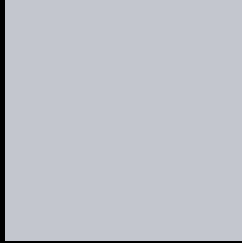
Large Text (above 18pt) WCAG AA × Fail

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 56.4465, 0.3046, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

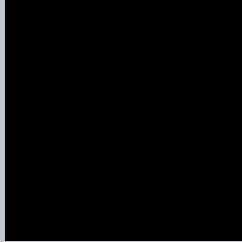
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

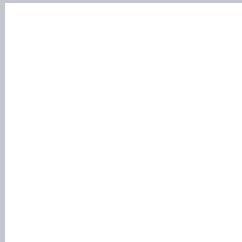
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4465, 0.3046, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 56.4465, 0.3046, 0.3194.

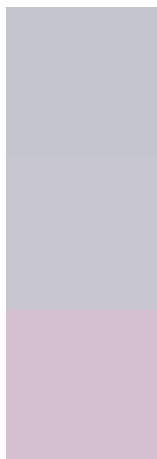


This preview shows how white text looks on a background with the Yxy color 56.4465, 0.3046, 0.3194.

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

56.4465, 0.3046, 0.3194

Protanopia

56.4824, 0.3085, 0.3195

Deuteranopia

56.3504, 0.3184, 0.3117



Tritanopia

56.4724, 0.3005, 0.3100

Trichromacy



Original Color

56.4465, 0.3046, 0.3194

Protanomaly

56.3460, 0.3077, 0.3194

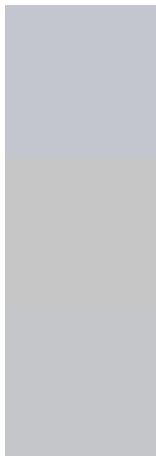
Deuteranomaly

56.2104, 0.3126, 0.3138

Tritanomaly

56.3214, 0.3026, 0.3135

Monochromacy



Original Color

56.4465, 0.3046, 0.3194

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4755, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4465, 0.3046, 0.3194 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(195, 198, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 206)  
}
```

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(195, 198, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 206) }
```

Border

The CSS property to change the border of an element to Yxy 56.4465, 0.3046, 0.3194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

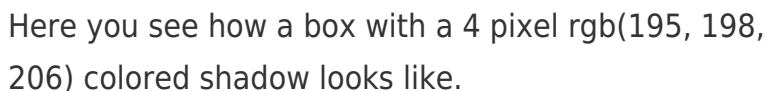
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 198, 206) }
```

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

```
.border{ border-color:rgb(195, 198, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 198, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 198, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 198, 206); box-shadow:4px 4px 4px 4px rgb(195, 198, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4465, 0.3046, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 206) }
```

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

```
.background{ background-color: rgb(195,  
198, 206) }
```

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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