

Converting Colors

Yxy(56.6813, 0.3060, 0.3191)

Have a look what the booklet for
Yxy(56.6813, 0.3060, 0.3191)
contains.

Yxy(56.7147, 0.3062, 0.3194)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7147, 0.3062, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6CE
RGB	197, 198, 206
RGB Percent	77%, 78%, 81%
CMY	0.2273, 0.2236, 0.1921
CMYK	0.04, 0.04, 0.00, 0.19
HSL	234°, 8%, 79%
HSV	234°, 4%, 81%
XYZ	54.3708, 56.7147, 66.4809
YIQ	198.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

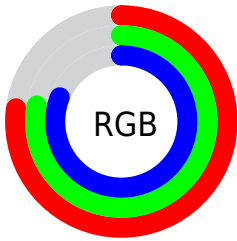
Format	Color
RYB	197, 198, 206
Decimal	12961486
CIELab	80.02, 1.19, -4.12
CIELCh	80, 4.289, 286.068
Yxy	56.7147, 0.3062, 0.3194
Android (android.graphics.Color)	4291151566 (0xFFC5C6CE)
YUV	198.6130, 3.6418, -1.4146
Hunter-Lab	75.3092, -2.9197, 0.3768

Details

The Yxy color **56.7147, 0.3062, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8538, 0.3192, 0.3384**, and the grayscale version is **56.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **28.0532, 0.3040, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **46.2007, 0.2899, 0.2952**, and if you desaturate by 10%, it is **68.6397, 0.3207, 0.3406**.

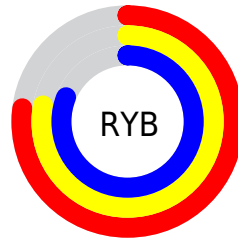
Distribution



Red (77%)

Green (78%)

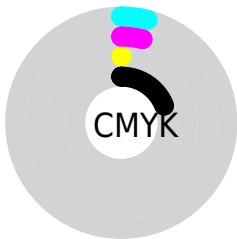
Blue (81%)



Red (77%)

Yellow (78%)

Blue (81%)

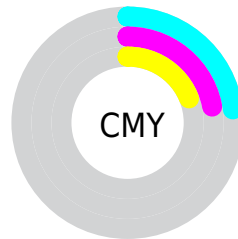


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7147, 0.3062, 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 56.7147, 0.3062, 0.3194 by changing the saturation by 10% instead.

■ 56.7147, 0.3062,
0.3194

■ 56.7147, 0.3062,
0.3194

412.3794, 0.3094,
0.3240

■ 40.7762, 0.3054,
0.3183

100.0488, 0.3073,
0.3210

■ 28.1443, 0.3045,
0.3169

128.2132, 0.3078,
0.3217

■ 18.4344, 0.3032,
0.3151

161.2217, 0.3081,
0.3222

■ 11.2623, 0.3015,
0.3126

199.4586, 0.3084,
0.3227

■ 6.2436, 0.2991,
0.3091

243.3085, 0.3087,
0.3231

■ 2.9938, 0.2953,
0.3037

293.1557, 0.3090,

■ 1.1285, 0.2887,

0.3234

0.2943

349.3845, 0.3092,
0.3238

0.0021, 0.0957,
0.0065

0.0000, 0.0000,
0.0000

56.7147, 0.3062,
0.3194

56.7147, 0.3062,
0.3194

46.2007, 0.2899,
0.2952

68.6397, 0.3207,
0.3406

37.0385, 0.2720,
0.2680

82.0178, 0.3334,
0.3591

29.1752, 0.2526,
0.2381

96.1602, 0.3421,
0.3755

22.5519, 0.2323,
0.2062

97.2368, 0.3418,
0.3770

■ 17.1050, 0.2119,
0.1735

■ 12.7652, 0.1927,
0.1417

■ 9.4558, 0.1761,
0.1131

■ 7.0903, 0.1632,
0.0897

■ 5.5677, 0.1549,
0.0730

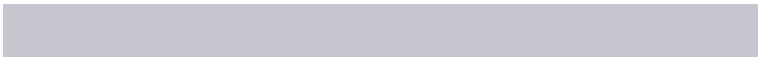
Harmonies

Analogous

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



56.7147, 0.3027, 0.3209



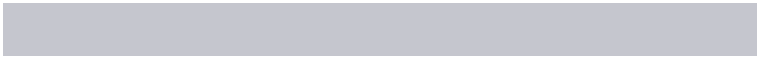
56.7147, 0.3062, 0.3194



56.7147, 0.3115, 0.3205

Triad

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



56.7147, 0.3062, 0.3194



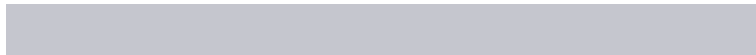
56.7147, 0.3237, 0.3333



56.7147, 0.3083, 0.3344

Complementary

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



56.7147, 0.3062, 0.3194



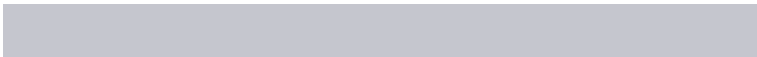
60.8538, 0.3192, 0.3384

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.



56.7147, 0.3139, 0.3378



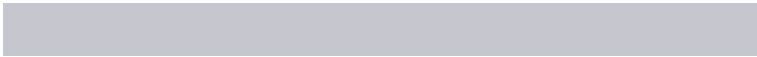
56.7147, 0.3062, 0.3194



56.7147, 0.3228, 0.3371

Square

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



56.7147, 0.3062, 0.3194



56.7147, 0.3216, 0.3284



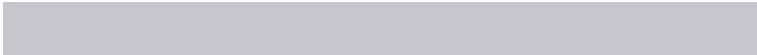
56.7147, 0.3192, 0.3388



56.7147, 0.3039, 0.3295

Rectangle

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



56.7147, 0.3062, 0.3194



56.7147, 0.3153, 0.3224



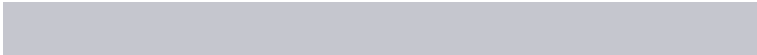
56.7147, 0.3192, 0.3388



56.7147, 0.3101, 0.3357

Sweetspot

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



56.7171, 0.3062, 0.3194



98.0720, 0.3112, 0.3268



60.4316, 0.3067, 0.3302



21.0118, 0.3113, 0.3269



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.



56.7171, 0.3062, 0.3194



90.5955, 0.3051, 0.3178



56.7576, 0.3089, 0.3184



11.9010, 0.3042, 0.3165



3.1574, 0.1522, 0.0680



0.2287, 0.1587, 0.0913

Inverse Universe

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



57.1549, 0.3191, 0.3279



91.4199, 0.3202, 0.3277



60.8191, 0.3164, 0.3396



12.0228, 0.3212, 0.3276



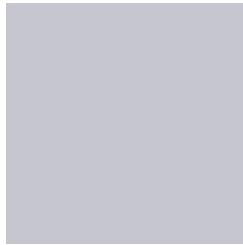
8.1217, 0.6265, 0.3225



0.4256, 0.5891, 0.3019

Previews

White Background



This preview shows how the Yxy color 56.7147, 0.3062, 0.3194 looks on a white background.

Color Contrast Check

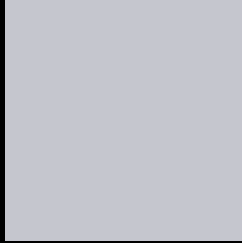
Large Text (above 18pt) WCAG AA × Fail

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 56.7147, 0.3062, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

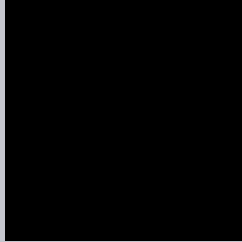
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

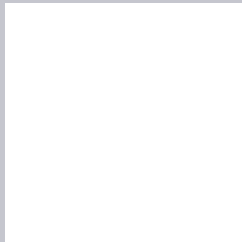
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7147, 0.3062, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 56.7147, 0.3062, 0.3194.

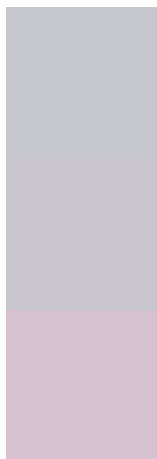


This preview shows how white text looks on a background with the Yxy color 56.7147, 0.3062, 0.3194.

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

56.7147, 0.3062, 0.3194

Protanopia

56.6681, 0.3085, 0.3183

Deuteranopia

56.5004, 0.3192, 0.3118



Tritanopia

56.7424, 0.3020, 0.3101

Trichromacy



Original Color

56.7147, 0.3062, 0.3194

Protanomaly

56.5308, 0.3077, 0.3183

Deuteranomaly

56.4985, 0.3142, 0.3138

Tritanomaly

56.5914, 0.3041, 0.3136

Monochromacy



Original Color

56.7147, 0.3062, 0.3194

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1169, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7147, 0.3062, 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(197, 198, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 198, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 206) }
```

Border

The CSS property to change the border of an element to Yxy 56.7147, 0.3062, 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(197, 198, 206) }
```

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

```
.border{ border-color:rgb(197, 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(197, 198, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7147, 0.3062, 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(197, 198, 206) }
```

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

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