

Converting Colors

Yxy(57.0832, 0.3005, 0.3290)

Have a look what the booklet for
Yxy(57.0832, 0.3005, 0.3290)
contains.

Yxy(56.9444, 0.3006, 0.3290)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9444, 0.3006, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	BACACA
RGB	186, 202, 202
RGB Percent	73%, 79%, 79%
CMY	0.2706, 0.2078, 0.2079
CMYK	0.08, 0.00, 0.00, 0.21
HSL	180°, 13%, 76%
HSV	180°, 8%, 79%
XYZ	52.0288, 56.9444, 64.1100
YIQ	197.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

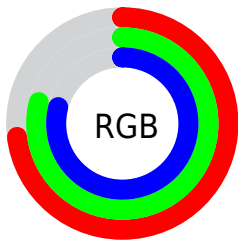
Format	Color
R _Y B	186, 194, 202
Decimal	12241610
CIE Lab	80.15, -5.42, -1.86
CIE LCh	80, 5.727, 198.920
Yxy	56.9444, 0.3006, 0.3290
Android (android.graphics.Color)	4290431690 (0xFFBACACA)
YUV	197.2160, 2.3585, -9.8364
Hunter-Lab	75.4615, -8.9863, 2.4519

Details

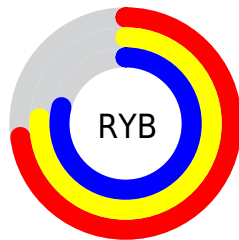
The Yxy color $56.9444, 0.3006, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.2236, 0.3262, 0.3290$, and the grayscale version is $55.9626, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6172, 0.3047, 0.3290$, and $28.3045, 0.2976, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $54.5911, 0.2860, 0.3290$, and if you desaturate by 10%, it is $59.6602, 0.3160, 0.3290$.

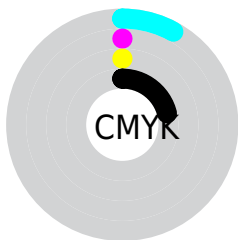
Distribution



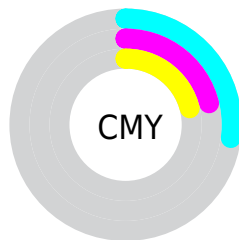
- Red (73%)
- Green (79%)
- Blue (79%)



- Red (73%)
- Yellow (76%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)




- Cyan (27%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9444, 0.3006, 0.3290 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 56.9444, 0.3006, 0.3290 by changing the saturation by 10% instead.

 56.9444, 0.3006,
0.3290

 56.9444, 0.3006,
0.3290


413.2409, 0.3064,
0.3290

 40.9606, 0.2992,
0.3290

 100.3841, 0.3027,
0.3290

 28.2883, 0.2974,
0.3290

128.6087, 0.3035,
0.3290

 18.5431, 0.2951,
0.3289


161.6824, 0.3041,
0.3290

 11.3406, 0.2921,
0.3289

199.9896, 0.3047,
0.3290

 6.2964, 0.2876,
0.3288

243.9147, 0.3052,
0.3290

 3.0261, 0.2808,
0.3285

293.8420, 0.3057,

 1.1454, 0.2689,

0.3290

0.3280

350.1559, 0.3061,
0.3290

0.0164, 0.0000,
0.1000

0.0000, 0.0000,
0.0000

56.9444, 0.3006,
0.3290

56.9444, 0.3006,
0.3290

54.5911, 0.2860,
0.3290

59.6602, 0.3160,
0.3290

52.5781, 0.2726,
0.3290


62.7453, 0.3318,
0.3290


50.8919, 0.2605,
0.3291


66.2154, 0.3479,
0.3290

49.5152, 0.2500,
0.3291


67.7747, 0.3545,
0.3290

 48.4292, 0.2413,
0.3291

 67.7765, 0.3545,
0.3290


 47.6130, 0.2345,
0.3292


 67.7784, 0.3545,
0.3289

 47.0430, 0.2296,
0.3292

 67.7803, 0.3545,
0.3289

 46.6914, 0.2266,
0.3293

 67.7821, 0.3544,
0.3288

 46.5175, 0.2251,
0.3293

 67.7840, 0.3544,
0.3288

Harmonies

Analogous

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



56.9444, 0.3062, 0.3356



56.9444, 0.3006, 0.3290



56.9444, 0.2982, 0.3225

Triad

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



56.9444, 0.3006, 0.3290



56.9444, 0.3117, 0.3179



56.9444, 0.3259, 0.3402

Complementary

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



56.9444, 0.3006, 0.3290



51.2236, 0.3262, 0.3290

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.



56.9444, 0.3274, 0.3353



56.9444, 0.3006, 0.3290



56.9444, 0.3192, 0.3225

Square

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



56.9444, 0.3006, 0.3290



56.9444, 0.3046, 0.3162



56.9444, 0.3250, 0.3289



56.9444, 0.3208, 0.3421

Rectangle

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



56.9444, 0.3006, 0.3290



56.9444, 0.2988, 0.3191



56.9444, 0.3250, 0.3289



56.9444, 0.3268, 0.3388

Sweetspot

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



56.9468, 0.3006, 0.3290



99.0449, 0.3096, 0.3290



56.2625, 0.3120, 0.3490



21.2097, 0.3097, 0.3290



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.



56.9468, 0.3006, 0.3290



95.4772, 0.2973, 0.3290



53.4089, 0.3006, 0.3194



12.7267, 0.2984, 0.3290



29.9138, 0.2248, 0.3293



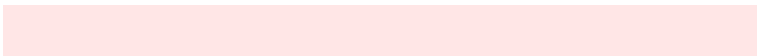
1.5433, 0.2248, 0.3292

Inverse Universe

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



51.2236, 0.3262, 0.3290



83.2636, 0.3304, 0.3290



54.5701, 0.3253, 0.3384



11.2140, 0.3290, 0.3290



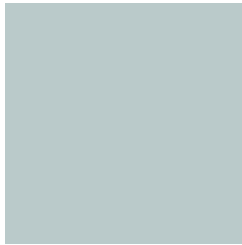
8.0807, 0.6398, 0.3298



0.4170, 0.6390, 0.3294

Previews

White Background



This preview shows how the Yxy color 56.9444, 0.3006, 0.3290 looks on a white background.

Color Contrast Check

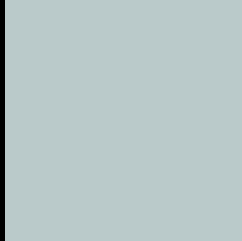
Large Text (above 18pt) WCAG AA × Fail

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 56.9444, 0.3006, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

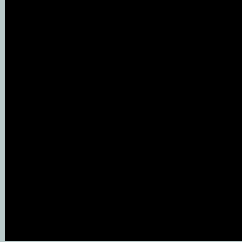
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

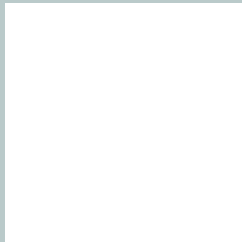
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9444, 0.3006, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 56.9444, 0.3006, 0.3290.



This preview shows how white text looks on a background with the Yxy color 56.9444, 0.3006, 0.3290.

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

56.9444, 0.3006, 0.3290

Protanopia

57.0682, 0.3151, 0.3278

Deuteranopia

56.5060, 0.3223, 0.3152



Tritanopia

56.9578, 0.2925, 0.3098

Trichromacy



Original Color

56.9444, 0.3006, 0.3290

Protanomaly

56.7527, 0.3097, 0.3278

Deuteranomaly

56.6290, 0.3139, 0.3207

Tritanomaly

57.0412, 0.2952, 0.3169

Monochromacy



Original Color

56.9444, 0.3006, 0.3290

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3078, 0.3081, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9444, 0.3006, 0.3290 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(186, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 202)  
}
```

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(186, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.9444, 0.3006, 0.3290 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(186, 202, 202) }
```

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

```
.border{ border-color:rgb(186, 202, 202) }
```

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

Here you see how a box with a 4 pixel rgb(186, 202, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9444, 0.3006, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 202) }
```

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

```
.background{ background-color: rgb(186,  
202, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor