

Converting Colors

$Y_{xy}(56.7078, 0.2935, 0.3065)$

Have a look what the booklet for
Yxy(56.7078, 0.2935, 0.3065)
contains.

Yxy(56.9330, 0.2940, 0.3075)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9330, 0.2940, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	BFC7D9
RGB	191, 199, 217
RGB Percent	75%, 78%, 85%
CMY	0.2510, 0.2196, 0.1489
CMYK	0.12, 0.08, 0.00, 0.15
HSL	222°, 26%, 80%
HSV	222°, 12%, 85%
XYZ	54.4335, 56.9330, 73.7815
YIQ	198.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

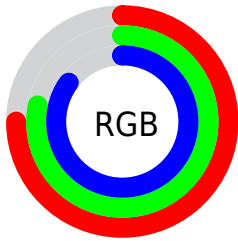
Format	Color
R_{YB}	191, 197, 217
Decimal	12568537
CIE _{Lab}	80.14, 0.82, -9.91
CIE _{LCh}	80, 9.940, 274.711
Yxy	56.9330, 0.2940, 0.3075
Android (android.graphics.Color)	4290758617 (0xFFBFC7D9)
YUV	198.6600, 9.0416, -6.7178
Hunter-Lab	75.4540, -3.2721, -5.1580

Details

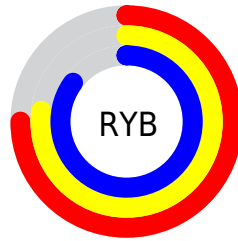
The Yxy color **56.9330, 0.2940, 0.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1206, 0.3317, 0.3496**, and the grayscale version is **56.8443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **28.1778, 0.2889, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **47.7531, 0.2772, 0.2872**, and if you desaturate by 10%, it is **67.2168, 0.3097, 0.3256**.

Distribution



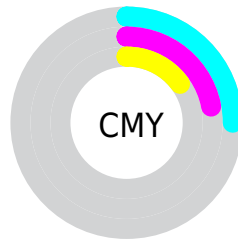
- Red (75%)
- Green (78%)
- Blue (85%)



- Red (75%)
- Yellow (77%)
- Blue (85%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9330, 0.2940, 0.3075 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 56.9330, 0.2940, 0.3075 by changing the saturation by 10% instead.

■ 56.9330, 0.2940,
0.3075

■ 56.9330, 0.2940,
0.3075

■ 413.1982, 0.3030,
0.3178

■ 40.9515, 0.2918,
0.3050

■ 100.3674, 0.2972,
0.3112

■ 28.2812, 0.2891,
0.3019

■ 128.5891, 0.2984,
0.3126

■ 18.5377, 0.2856,
0.2979

■ 161.6596, 0.2995,
0.3138

■ 11.3367, 0.2809,
0.2925

■ 199.9633, 0.3004,
0.3148

■ 6.2938, 0.2741,
0.2849

■ 243.8846, 0.3012,
0.3157

■ 3.0245, 0.2638,
0.2732

■ 293.8079, 0.3019,

■ 1.1446, 0.2461,

0.3165

0.2533

350.1177, 0.3025,
0.3172

0.0157, 0.0459,
0.0207

0.0000, 0.0000,
0.0000

56.9330, 0.2940,
0.3075

56.9330, 0.2940,
0.3075

47.7531, 0.2772,
0.2872

67.2168, 0.3097,
0.3256

39.6319, 0.2594,
0.2647

78.6332, 0.3242,
0.3416

32.5316, 0.2412,
0.2402

91.0107, 0.3367,
0.3557

26.4093, 0.2230,
0.2144

97.7910, 0.3351,
0.3661

■ 21.2189, 0.2057,
0.1878

■ 16.9098, 0.1901,
0.1615

■ 13.4262, 0.1769,
0.1368

■ 10.7042, 0.1669,
0.1149

■ 9.0053, 0.1611,
0.0999

Harmonies

Analogous

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



56.9330, 0.2882, 0.3128



56.9330, 0.2940, 0.3075



56.9330, 0.3048, 0.3079

Triad

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



56.9330, 0.2940, 0.3075



56.9330, 0.3372, 0.3346



56.9330, 0.3072, 0.3452

Complementary

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



56.9330, 0.2940, 0.3075



64.1206, 0.3317, 0.3496

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.



56.9330, 0.3203, 0.3512



56.9330, 0.2940, 0.3075



56.9330, 0.3378, 0.3447

Square

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



56.9330, 0.2940, 0.3075



56.9330, 0.3299, 0.3233



56.9330, 0.3315, 0.3509



56.9330, 0.2957, 0.3346

Rectangle

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



56.9330, 0.2940, 0.3075



56.9330, 0.3135, 0.3112



56.9330, 0.3315, 0.3509



56.9330, 0.3115, 0.3478

Sweetspot

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



56.9354, 0.2940, 0.3075



93.6951, 0.3066, 0.3221



65.3056, 0.2997, 0.3387



19.8072, 0.3054, 0.3208



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.



56.9354, 0.2940, 0.3075



79.0838, 0.2905, 0.3034



53.9713, 0.2974, 0.2981



13.2680, 0.2981, 0.3124



5.6152, 0.1618, 0.1024



0.5142, 0.1709, 0.1352

Inverse Universe

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



56.1357, 0.3279, 0.3198



77.8094, 0.3310, 0.3181



67.4336, 0.3269, 0.3588



13.1172, 0.3244, 0.3218



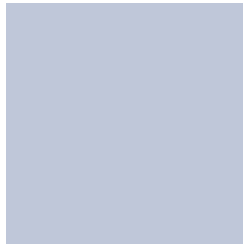
9.1906, 0.5723, 0.2926



0.6106, 0.5256, 0.2669

Previews

White Background



This preview shows how the Yxy color 56.9330, 0.2940, 0.3075 looks on a white background.

Color Contrast Check

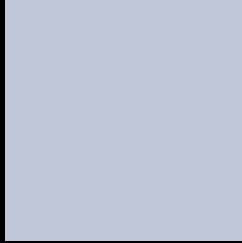
Large Text (above 18pt) WCAG AA × Fail

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 56.9330, 0.2940, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

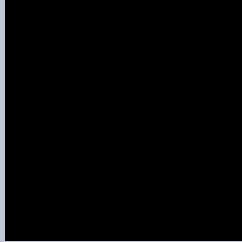
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

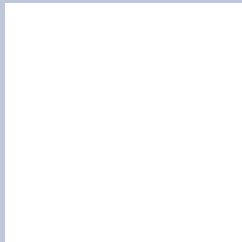
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9330, 0.2940, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 56.9330, 0.2940, 0.3075.



This preview shows how white text looks on a background with the Yxy color 56.9330, 0.2940, 0.3075.

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

56.9330, 0.2940, 0.3075

Protanopia

56.7607, 0.2991, 0.3066

Deuteranopia

56.7572, 0.3070, 0.3003



Tritanopia

56.8295, 0.2954, 0.3099

Trichromacy



Original Color

56.9330, 0.2940, 0.3075

Protanomaly

56.9481, 0.2977, 0.3077

Deuteranomaly

56.6487, 0.3015, 0.3022

Tritanomaly

56.8811, 0.2947, 0.3087

Monochromacy



Original Color

56.9330, 0.2940, 0.3075

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0388, 0.3054, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9330, 0.2940, 0.3075 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(191, 199, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 199, 217)  
}
```

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(191, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 199, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.9330, 0.2940, 0.3075 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(191, 199, 217) }
```

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

```
.border{ border-color:rgb(191, 199, 217) }
```

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

Here you see how a box with a 4 pixel rgb(191, 199, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 199, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 199, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 199,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9330, 0.2940, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 199, 217) }
```

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

```
.background{ background-color: rgb(191,  
199, 217) }
```

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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