

Converting Colors

$Y_{xy}(60.1005, 0.2959, 0.3234)$

Have a look what the booklet for
Yxy(60.1005, 0.2959, 0.3234)
contains.

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Color

Yxy(60.0705, 0.2954, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	BCCFD4
RGB	188, 207, 212
RGB Percent	74%, 81%, 83%
CMY	0.2626, 0.1882, 0.1687
CMYK	0.11, 0.02, 0.00, 0.17
HSL	192°, 22%, 78%
HSV	192°, 11%, 83%
XYZ	54.9375, 60.0705, 70.9687
YIQ	201.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

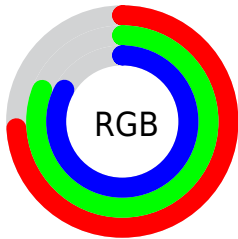
Format	Color
RYB	188, 199, 212
Decimal	12373972
CIELab	81.88, -5.38, -4.65
CIELCh	82, 7.116, 220.847
Yxy	60.0705, 0.2954, 0.3230
Android (android.graphics.Color)	4290564052 (0xFFBCCFD4)
YUV	201.8890, 4.9847, -12.1807
Hunter-Lab	77.5052, -9.1089, -0.0361

Details

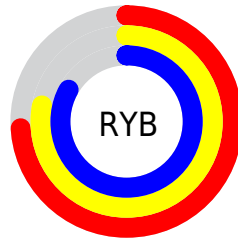
The Yxy color **60.0705, 0.2954, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7659, 0.3321, 0.3349**, and the grayscale version is **58.9674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **30.3677, 0.2918, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **55.4714, 0.2804, 0.3171**, and if you desaturate by 10%, it is **65.1296, 0.3107, 0.3283**.

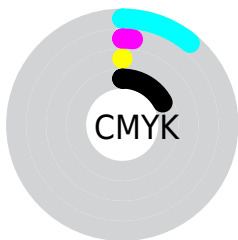
Distribution



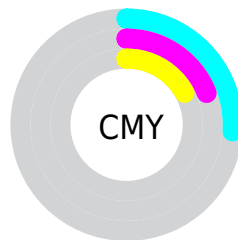
- Red (74%)
- Green (81%)
- Blue (83%)



- Red (74%)
- Yellow (78%)
- Blue (83%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0705, 0.2954, 0.3230 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 60.0705, 0.2954, 0.3230 by changing the saturation by 10% instead.

■ 60.0705, 0.2954,
0.3230

■ 60.0705, 0.2954,
0.3230

424.8576, 0.3037,
0.3259

■ 43.4755, 0.2935,
0.3223

■ 104.9319, 0.2983,
0.3241

■ 30.2583, 0.2910,
0.3214

133.9671, 0.2994,
0.3244

■ 20.0348, 0.2879,
0.3202

167.9178, 0.3004,
0.3248

■ 12.4203, 0.2836,
0.3186

207.1684, 0.3012,
0.3251

■ 7.0306, 0.2777,
0.3163

252.1033, 0.3019,
0.3253

■ 3.4813, 0.2688,
0.3127

303.1068, 0.3026,

■ 1.3878, 0.2537,

0.3256

0.3063

360.5635, 0.3031,
0.3258

0.2077, 0.0800,
0.2517

0.0000, 0.0000,
0.0000

60.0705, 0.2954,
0.3230

60.0705, 0.2954,
0.3230

55.4714, 0.2804,
0.3171

65.1296, 0.3107,
0.3283

51.3070, 0.2660,
0.3108

70.6576, 0.3261,
0.3332

47.5610, 0.2525,
0.3040

76.6729, 0.3413,
0.3375

44.2129, 0.2403,
0.2969

79.6529, 0.3431,
0.3418

■ 41.2402, 0.2296,
0.2895

■ 82.0588, 0.3423,
0.3462

■ 38.6181, 0.2207,
0.2819

■ 84.5265, 0.3416,
0.3505

■ 36.3180, 0.2138,
0.2743

■ 87.0565, 0.3409,
0.3548

■ 34.3059, 0.2087,
0.2667

■ 89.6491, 0.3402,
0.3590

■ 32.7378, 0.2056,
0.2602

■ 92.3049, 0.3395,
0.3632

Harmonies

Analogous

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



60.0705, 0.2994, 0.3312



60.0705, 0.2954, 0.3230



60.0705, 0.2959, 0.3166

Triad

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



60.0705, 0.2954, 0.3230



60.0705, 0.3183, 0.3194



60.0705, 0.3246, 0.3448

Complementary

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



60.0705, 0.2954, 0.3230



55.7659, 0.3321, 0.3349

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.



60.0705, 0.3298, 0.3413



60.0705, 0.2954, 0.3230



60.0705, 0.3261, 0.3266

Square

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



60.0705, 0.2954, 0.3230



60.0705, 0.3090, 0.3146



60.0705, 0.3304, 0.3346



60.0705, 0.3162, 0.3440

Rectangle

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



60.0705, 0.2954, 0.3230



60.0705, 0.2988, 0.3141



60.0705, 0.3304, 0.3346



60.0705, 0.3268, 0.3440

Sweetspot

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



60.0730, 0.2954, 0.3230



97.5682, 0.3081, 0.3275



61.6112, 0.3081, 0.3523



20.7469, 0.3068, 0.3270



0.0000, 0.0000, 0.0000



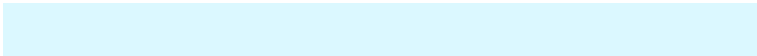
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0730, 0.2954, 0.3230



89.2066, 0.2911, 0.3214



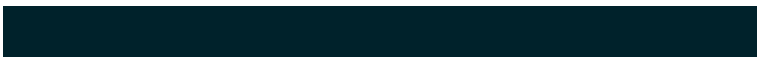
54.5722, 0.2952, 0.3086



13.6495, 0.2982, 0.3240



20.3643, 0.2059, 0.2612



1.3409, 0.2095, 0.2742

Inverse Universe

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



54.4766, 0.3178, 0.3070



78.8313, 0.3192, 0.3013



61.1877, 0.3304, 0.3486



12.5865, 0.3169, 0.3107



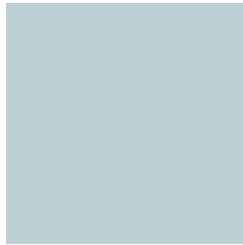
10.4006, 0.3812, 0.1874



0.6387, 0.3688, 0.1805

Previews

White Background



This preview shows how the Yxy color 60.0705, 0.2954, 0.3230 looks on a white background.

Color Contrast Check

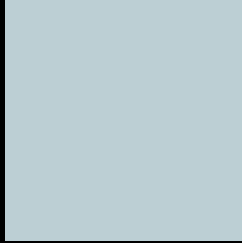
Large Text (above 18pt) WCAG AA × Fail

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 60.0705, 0.2954, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

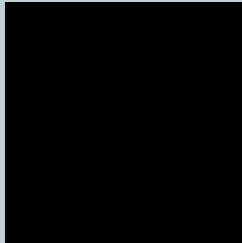
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

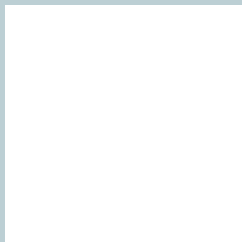
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0705, 0.2954, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 60.0705, 0.2954, 0.3230.



This preview shows how white text looks on a background with the Yxy color 60.0705, 0.2954, 0.3230.

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

60.0705, 0.2954, 0.3230

Protanopia

59.8236, 0.3100, 0.3209

Deuteranopia

59.6930, 0.3168, 0.3099



Tritanopia

59.8837, 0.2902, 0.3089

Trichromacy



Original Color

60.0705, 0.2954, 0.3230

Protanomaly

59.9810, 0.3047, 0.3219

Deuteranomaly

59.8428, 0.3088, 0.3152

Tritanomaly

60.0234, 0.2921, 0.3147

Monochromacy



Original Color

60.0705, 0.2954, 0.3230

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5123, 0.3060, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0705, 0.2954, 0.3230 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(188, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 212)  
}
```

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(188, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.0705, 0.2954, 0.3230 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(188, 207, 212) }
```

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

```
.border{ border-color:rgb(188, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0705, 0.2954, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 212) }
```

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

```
.background{ background-color: rgb(188,  
207, 212) }
```

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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