

Converting Colors

Yxy(60.4654, 0.2896, 0.3125)

Have a look what the booklet for
Yxy(60.4654, 0.2896, 0.3125)
contains.

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Color

Yxy(60.5375, 0.2895, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	BCCFDD
RGB	188, 207, 221
RGB Percent	74%, 81%, 87%
CMY	0.2628, 0.1882, 0.1333
CMYK	0.15, 0.06, 0.00, 0.13
HSL	205°, 33%, 80%
HSV	205°, 15%, 87%
XYZ	56.0999, 60.5375, 77.1446
YIQ	202.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

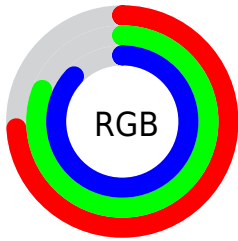
Format	Color
RYB	188, 200, 221
Decimal	12373981
CIELab	82.13, -3.56, -9.11
CIElCh	82, 9.778, 248.673
Yxy	60.5375, 0.2895, 0.3124
Android (android.graphics.Color)	4290564061 (0xFFBCCFDD)
YUV	202.9150, 8.9159, -13.0805
Hunter-Lab	77.8058, -7.4574, -4.3220

Details

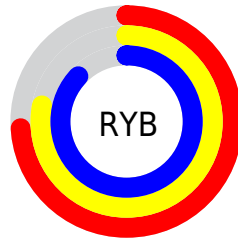
The Yxy color **60.5375, 0.2895, 0.3124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2373, 0.3382, 0.3451**, and the grayscale version is **59.6148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **30.6040, 0.2833, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **53.5387, 0.2736, 0.2998**, and if you desaturate by 10%, it is **68.2406, 0.3051, 0.3238**.

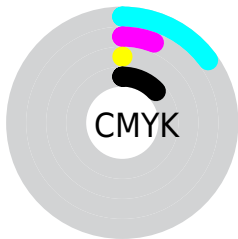
Distribution



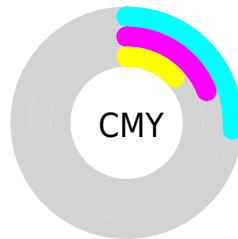
- Red (74%)
- Green (81%)
- Blue (87%)



- Red (74%)
- Yellow (78%)
- Blue (87%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5375, 0.2895, 0.3124 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 60.5375, 0.2895, 0.3124 by changing the saturation by 10% instead.

■ 60.5375, 0.2895,
0.3124

■ 60.5375, 0.2895,
0.3124

426.5762, 0.3005,
0.3204

■ 43.8520, 0.2869,
0.3105

■ 105.6090, 0.2934,
0.3152

■ 30.5542, 0.2837,
0.3081

134.7638, 0.2949,
0.3163

■ 20.2596, 0.2795,
0.3050

168.8438, 0.2962,
0.3172

■ 12.5839, 0.2739,
0.3008

208.2335, 0.2973,
0.3180

■ 7.1427, 0.2662,
0.2949

253.3171, 0.2982,
0.3187

■ 3.5515, 0.2545,
0.2859

304.4792, 0.2991,

■ 1.4260, 0.2353,

0.3194

0.2707

362.1041, 0.2999,
0.3199

0.2357, 0.1084,
0.1861

0.0000, 0.0000,
0.0000

60.5375, 0.2895,
0.3124

60.5375, 0.2895,
0.3124

53.5387, 0.2736,
0.2998

68.2406, 0.3051,
0.3238

47.2125, 0.2578,
0.2860

76.6632, 0.3203,
0.3340

41.5357, 0.2425,
0.2712

85.8293, 0.3349,
0.3431

36.4805, 0.2280,
0.2555

91.4762, 0.3341,
0.3521

■ 32.0168, 0.2148,
0.2392

■ 97.2738, 0.3329,
0.3610

■ 28.1107, 0.2034,
0.2226

■ 98.0013, 0.3327,
0.3621

■ 24.7241, 0.1940,
0.2061

■ 21.8109, 0.1869,
0.1901

■ 20.4833, 0.1839,
0.1822

Harmonies

Analogous

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



60.5375, 0.2893, 0.3214



60.5375, 0.2895, 0.3124



60.5375, 0.2958, 0.3080

Triad

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



60.5375, 0.2895, 0.3124



60.5375, 0.3305, 0.3249



60.5375, 0.3184, 0.3499

Complementary

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



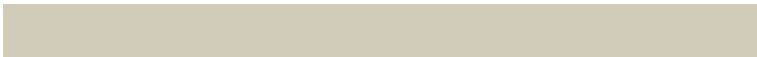
60.5375, 0.2895, 0.3124



61.2373, 0.3382, 0.3451

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.



60.5375, 0.3296, 0.3505



60.5375, 0.2895, 0.3124



60.5375, 0.3368, 0.3358

Square

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



60.5375, 0.2895, 0.3124



60.5375, 0.3194, 0.3152



60.5375, 0.3364, 0.3452



60.5375, 0.3058, 0.3434

Rectangle

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



60.5375, 0.2895, 0.3124



60.5375, 0.3027, 0.3081



60.5375, 0.3364, 0.3452



60.5375, 0.3225, 0.3508

Sweetspot

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



60.5400, 0.2895, 0.3124



95.3886, 0.3066, 0.3248



66.6616, 0.3020, 0.3519



20.2354, 0.3054, 0.3240



0.0000, 0.0000, 0.0000



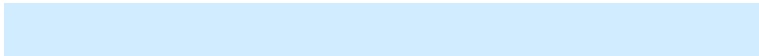
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5400, 0.2895, 0.3124



80.5174, 0.2844, 0.3085



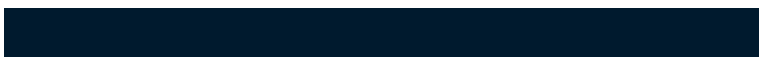
53.0536, 0.2888, 0.2926



13.8566, 0.2982, 0.3188



12.1262, 0.1846, 0.1846



0.9550, 0.1918, 0.2104

Inverse Universe

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



55.8366, 0.3252, 0.3075



72.9395, 0.3284, 0.3027



69.2834, 0.3355, 0.3630



13.1767, 0.3202, 0.3156



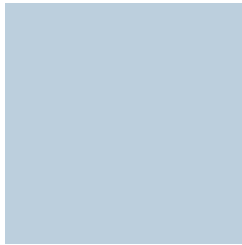
9.8479, 0.4631, 0.2325



0.6551, 0.4336, 0.2163

Previews

White Background



This preview shows how the Yxy color 60.5375, 0.2895, 0.3124 looks on a white background.

Color Contrast Check

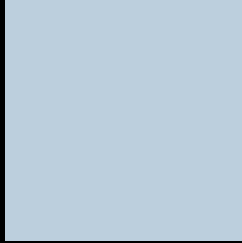
Large Text (above 18pt) WCAG AA × Fail

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 60.5375, 0.2895, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

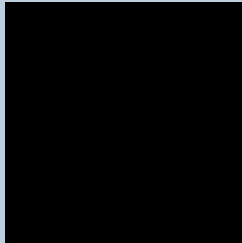
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

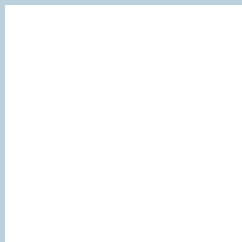
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5375, 0.2895, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 60.5375, 0.2895, 0.3124.

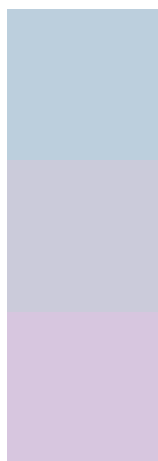


This preview shows how white text looks on a background with the Yxy color 60.5375, 0.2895, 0.3124.

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

60.5375, 0.2895, 0.3124

Protanopia

60.4703, 0.3022, 0.3117

Deuteranopia

60.1630, 0.3079, 0.3010



Tritanopia

60.6447, 0.2883, 0.3101

Trichromacy



Original Color

60.5375, 0.2895, 0.3124

Protanomaly

60.3060, 0.2979, 0.3115

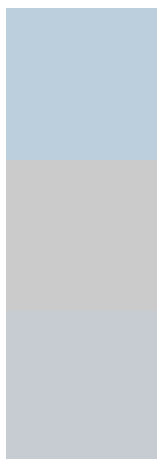
Deuteranomaly

60.0264, 0.3010, 0.3049

Tritanomaly

60.5909, 0.2889, 0.3113

Monochromacy



Original Color

60.5375, 0.2895, 0.3124

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8446, 0.3040, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5375, 0.2895, 0.3124 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.5375, 0.2895, 0.3124 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, 221) }
```

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

```
.border{ border-color:rgb(188, 207, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5375, 0.2895, 0.3124 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, 221) }
```

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

```
.background{ background-color: rgb(188,  
207, 221) }
```

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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