

Converting Colors

$Yxy(60.5080, 0.2755, 0.2956)$

Have a look what the booklet for
Yxy(60.5080, 0.2755, 0.2956)
contains.

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Color

Yxy(60.5055, 0.2756, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	B5CFEC
RGB	181, 207, 236
RGB Percent	71%, 81%, 93%
CMY	0.2898, 0.1883, 0.0744
CMYK	0.23, 0.12, 0.00, 0.07
HSL	212°, 59%, 82%
HSV	212°, 23%, 93%
XYZ	56.5265, 60.5055, 88.0714
YIQ	202.5320, -24.8050, 3.5070

Conversions

Conversions Part 2

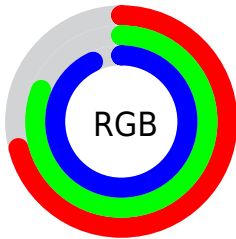
Format	Color
R _Y B	181, 199, 236
Decimal	11915244
CIE Lab	82.11, -2.42, -17.19
CIE LCh	82, 17.357, 261.981
Yxy	60.5055, 0.2756, 0.2950
Android (android.graphics.Color)	4290105324 (0xFFB5CFEC)
YUV	202.5320, 16.4997, -18.8836
Hunter-Lab	77.7853, -6.4085, -12.6807

Details

The Yxy color **60.5055, 0.2756, 0.2950** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.3336, 0.3538, 0.3608**, and the grayscale version is **59.3295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **30.5898, 0.2663, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **52.0822, 0.2589, 0.2778**, and if you desaturate by 10%, it is **69.8949, 0.2920, 0.3107**.

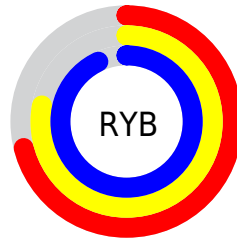
Distribution



Red (71%)

Green (81%)

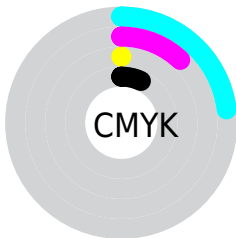
Blue (93%)



Red (71%)

Yellow (78%)

Blue (93%)

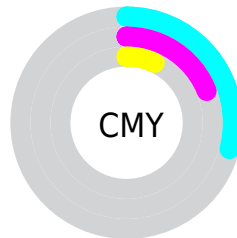


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5055, 0.2756, 0.2950 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 60.5055, 0.2756, 0.2950 by changing the saturation by 10% instead.

■ 60.5055, 0.2756,
0.2950

■ 60.5055, 0.2756,
0.2950

■ 426.4585, 0.2932,
0.3112

■ 43.8262, 0.2715,
0.2912

■ 105.5626, 0.2818,
0.3007

■ 30.5339, 0.2664,
0.2864

■ 134.7092, 0.2841,
0.3029

■ 20.2442, 0.2599,
0.2803

■ 168.7804, 0.2862,
0.3048

■ 12.5727, 0.2513,
0.2722

■ 208.1605, 0.2879,
0.3064

■ 7.1350, 0.2394,
0.2609

■ 253.2340, 0.2895,
0.3078

■ 3.5466, 0.2220,
0.2442

■ 304.3852, 0.2909,

■ 1.4233, 0.1944,

0.3091

361.9986, 0.2921,
0.3102

0.2173

0.2338, 0.0840,
0.1204

0.0000, 0.0000,
0.0000

60.5055, 0.2756,
0.2950

60.5055, 0.2756,
0.2950

52.0822, 0.2589,
0.2778

69.8949, 0.2920,
0.3107

44.5823, 0.2423,
0.2591

80.2763, 0.3077,
0.3247

37.9705, 0.2262,
0.2393

91.6836, 0.3227,
0.3373

32.2057, 0.2113,
0.2187

98.8374, 0.3238,
0.3473

■ 27.2430, 0.1980,
0.1978

■ 23.0316, 0.1869,
0.1774

■ 19.5121, 0.1783,
0.1580

■ 17.4796, 0.1738,
0.1457

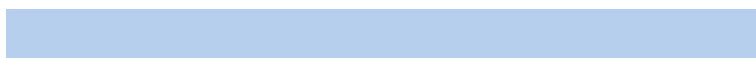
Harmonies

Analogous

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



60.5055, 0.2704, 0.3072



60.5055, 0.2756, 0.2950



60.5055, 0.2905, 0.2920

Triad

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



60.5055, 0.2756, 0.2950



60.5055, 0.3507, 0.3299



60.5055, 0.3124, 0.3628

Complementary

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



60.5055, 0.2756, 0.2950



67.3336, 0.3538, 0.3608

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.



60.5055, 0.3343, 0.3685



60.5055, 0.2756, 0.2950



60.5055, 0.3569, 0.3484

Square

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



60.5055, 0.2756, 0.2950



60.5055, 0.3340, 0.3118



60.5055, 0.3508, 0.3628



60.5055, 0.2912, 0.3470

Rectangle

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



60.5055, 0.2756, 0.2950



60.5055, 0.3043, 0.2951



60.5055, 0.3508, 0.3628



60.5055, 0.3200, 0.3660

Sweetspot

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



60.5079, 0.2756, 0.2950



90.8965, 0.3019, 0.3196



74.4644, 0.2931, 0.3599



19.2936, 0.3009, 0.3188



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.



60.5079, 0.2756, 0.2950



67.1173, 0.2675, 0.2869



49.0869, 0.2737, 0.2636



15.7198, 0.2981, 0.3162



9.8881, 0.1746, 0.1486



0.9677, 0.1818, 0.1745

Inverse Universe

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



55.4244, 0.3387, 0.3008



60.3980, 0.3456, 0.2946



81.0230, 0.3472, 0.3872



15.1723, 0.3219, 0.3179



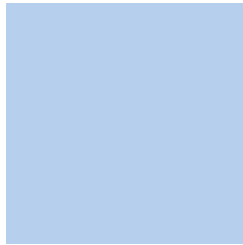
10.4910, 0.5078, 0.2571



0.8431, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 60.5055, 0.2756, 0.2950 looks on a white background.

Color Contrast Check

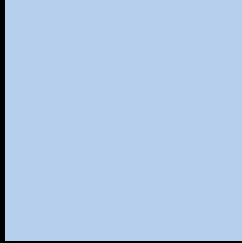
Large Text (above 18pt) WCAG AA × Fail

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 60.5055, 0.2756, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

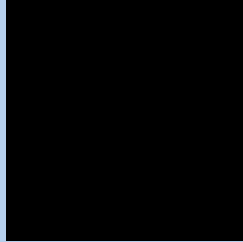
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

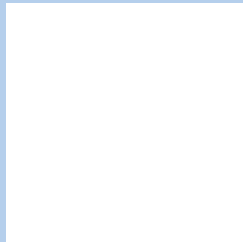
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5055, 0.2756, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 60.5055, 0.2756, 0.2950.



This preview shows how white text looks on a background with the Yxy color 60.5055, 0.2756, 0.2950.

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

60.5055, 0.2756, 0.2950

Protanopia

60.2664, 0.2893, 0.2936

Deuteranopia

60.2853, 0.2917, 0.2855



Tritanopia

60.6209, 0.2810, 0.3099

Trichromacy



Original Color

60.5055, 0.2756, 0.2950

Protanomaly

60.3327, 0.2839, 0.2944

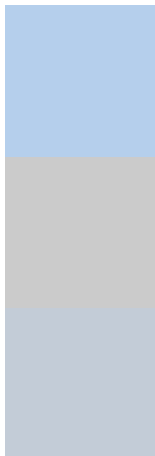
Deuteranomaly

60.3613, 0.2861, 0.2893

Tritanomaly

60.4722, 0.2792, 0.3041

Monochromacy



Original Color

60.5055, 0.2756, 0.2950

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6941, 0.2984, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5055, 0.2756, 0.2950 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(181, 207, 236)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 236)  
}
```

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(181, 207, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 236) }
```

Border

The CSS property to change the border of an element to Yxy 60.5055, 0.2756, 0.2950 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(181, 207, 236) }
```

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

```
.border{ border-color:rgb(181, 207, 236) }
```

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

Here you see how a box with a 4 pixel rgb(181, 207, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 236);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5055, 0.2756, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 236) }
```

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

```
.background{ background-color: rgb(181,  
207, 236) }
```

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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