

Converting Colors

Yxy(58.0448, 0.2742, 0.2950)

Have a look what the booklet for
Yxy(58.0448, 0.2742, 0.2950)
contains.

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Color

Yxy(58.2420, 0.2744, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	B0CCE8
RGB	176, 204, 232
RGB Percent	69%, 80%, 91%
CMY	0.3097, 0.2000, 0.0903
CMYK	0.24, 0.12, 0.00, 0.09
HSL	210°, 55%, 80%
HSV	210°, 24%, 91%
XYZ	54.0650, 58.2420, 84.7228
YIQ	198.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

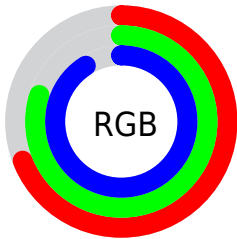
Format	Color
R _Y B	176, 195, 232
Decimal	11586792
CIE Lab	80.87, -3.27, -16.93
CIE LCh	81, 17.245, 259.053
Yxy	58.2420, 0.2744, 0.2956
Android (android.graphics.Color)	4289776872 (0xFFB0CCE8)
YUV	198.8200, 16.3577, -20.0131
Hunter-Lab	76.3164, -7.0988, -12.3994

Details

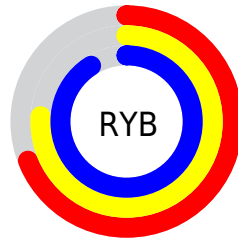
The Yxy color **58.2420, 0.2744, 0.2956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.4796, 0.3558, 0.3602**, and the grayscale version is **56.9110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **29.0849, 0.2647, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **50.4556, 0.2580, 0.2793**, and if you desaturate by 10%, it is **66.9061, 0.2907, 0.3105**.

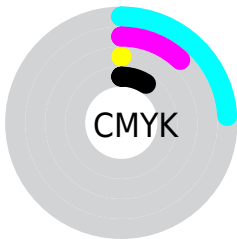
Distribution



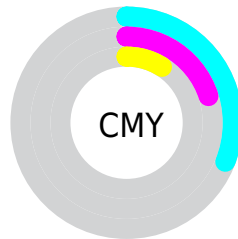
- Red (69%)
- Green (80%)
- Blue (91%)



- Red (69%)
- Yellow (76%)
- Blue (91%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2420, 0.2744, 0.2956 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 58.2420, 0.2744, 0.2956 by changing the saturation by 10% instead.

■ 58.2420, 0.2744,
0.2956

■ 58.2420, 0.2744,
0.2956

418.0871, 0.2926,
0.3117

■ 42.0032, 0.2701,
0.2918

■ 102.2752, 0.2808,
0.3013

■ 29.1038, 0.2648,
0.2870

130.8384, 0.2833,
0.3035

■ 19.1594, 0.2579,
0.2808

164.2785, 0.2854,
0.3053

■ 11.7855, 0.2488,
0.2726

202.9800, 0.2872,
0.3069

■ 6.5978, 0.2362,
0.2610

247.3272, 0.2888,
0.3083

■ 3.2119, 0.2176,
0.2437

297.7045, 0.2902,

■ 1.2433, 0.1878,

0.3096

0.2153

354.4963, 0.2915,
0.3107

0.0967, 0.0083,
0.0673

0.0000, 0.0000,
0.0000

58.2420, 0.2744,
0.2956

58.2420, 0.2744,
0.2956

50.4556, 0.2580,
0.2793

66.9061, 0.2907,
0.3105

43.5073, 0.2417,
0.2616

76.4712, 0.3064,
0.3239

37.3649, 0.2261,
0.2429

86.9684, 0.3215,
0.3359

31.9905, 0.2116,
0.2234

95.7089, 0.3266,
0.3469

■ 27.3427, 0.1989,
0.2037

■ 98.6052, 0.3262,
0.3513

■ 23.3742, 0.1884,
0.1843

■ 20.0297, 0.1803,
0.1657

■ 18.3089, 0.1765,
0.1553

Harmonies

Analogous

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



58.2420, 0.2702, 0.3087



58.2420, 0.2744, 0.2956



58.2420, 0.2885, 0.2916

Triad

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



58.2420, 0.2744, 0.2956



58.2420, 0.3497, 0.3280



58.2420, 0.3147, 0.3641

Complementary

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



58.2420, 0.2744, 0.2956



63.4796, 0.3558, 0.3602

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.



58.2420, 0.3364, 0.3686



58.2420, 0.2744, 0.2956



58.2420, 0.3572, 0.3468

Square

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



58.2420, 0.2744, 0.2956



58.2420, 0.3320, 0.3101



58.2420, 0.3521, 0.3619



58.2420, 0.2930, 0.3490

Rectangle

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



58.2420, 0.2744, 0.2956



58.2420, 0.3020, 0.2942



58.2420, 0.3521, 0.3619



58.2420, 0.3222, 0.3669

Sweetspot

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



58.2444, 0.2744, 0.2956



91.2065, 0.3019, 0.3201



71.2970, 0.2930, 0.3623



19.3654, 0.3009, 0.3193



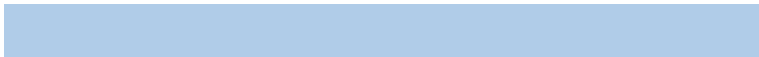
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



58.2444, 0.2744, 0.2956



67.2019, 0.2661, 0.2876



46.1201, 0.2715, 0.2608



15.0716, 0.2981, 0.3169



10.4180, 0.1773, 0.1581



0.9556, 0.1846, 0.1846

Inverse Universe

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



52.5742, 0.3384, 0.2980



59.3910, 0.3454, 0.2913



77.9925, 0.3491, 0.3892



14.4876, 0.3214, 0.3173



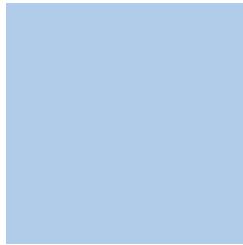
10.2494, 0.4954, 0.2503



0.7762, 0.4631, 0.2325

Previews

White Background



This preview shows how the Yxy color 58.2420, 0.2744, 0.2956 looks on a white background.

Color Contrast Check

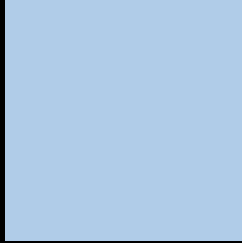
Large Text (above 18pt) WCAG AA × Fail

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 58.2420, 0.2744, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

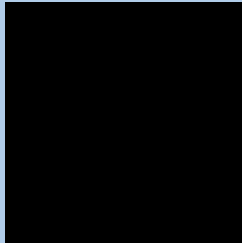
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

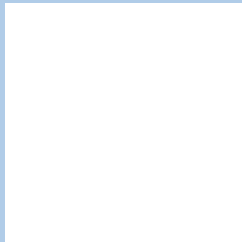
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2420, 0.2744, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 58.2420, 0.2744, 0.2956.



This preview shows how white text looks on a background with the Yxy color 58.2420, 0.2744, 0.2956.

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

58.2420, 0.2744, 0.2956

Protanopia

58.1061, 0.2890, 0.2942

Deuteranopia

58.2577, 0.2921, 0.2860



Tritanopia

58.4152, 0.2793, 0.3095

Trichromacy



Original Color

58.2420, 0.2744, 0.2956

Protanomaly

58.1778, 0.2835, 0.2950

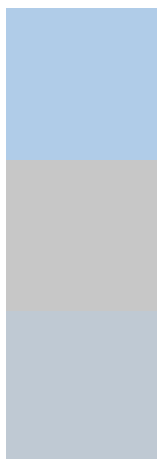
Deuteranomaly

58.1994, 0.2856, 0.2897

Tritanomaly

58.2676, 0.2774, 0.3036

Monochromacy



Original Color

58.2420, 0.2744, 0.2956

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.5528, 0.2981, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2420, 0.2744, 0.2956 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(176, 204, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 204, 232)  
}
```

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(176, 204, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 204, 232) }
```

Border

The CSS property to change the border of an element to Yxy 58.2420, 0.2744, 0.2956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

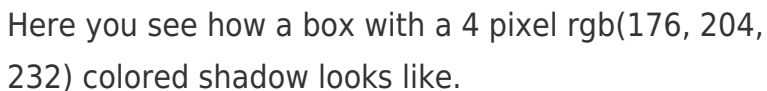
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 204, 232) }
```

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

```
.border{ border-color:rgb(176, 204, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 204, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 204, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 204, 232); box-shadow:4px 4px 4px 4px rgb(176, 204, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2420, 0.2744, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 204, 232) }
```

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

```
.background{ background-color: rgb(176,  
204, 232) }
```

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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