

Converting Colors

Yxy(57.6466, 0.2743, 0.2910)

Have a look what the booklet for
Yxy(57.6466, 0.2743, 0.2910)
contains.

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Color

Yxy(57.6466, 0.2743, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	B2CAEA
RGB	178, 202, 234
RGB Percent	70%, 79%, 92%
CMY	0.3018, 0.2079, 0.0823
CMYK	0.24, 0.14, 0.00, 0.08
HSL	214°, 57%, 81%
HSV	214°, 24%, 92%
XYZ	54.3384, 57.6466, 86.1133
YIQ	198.4720, -24.5760, 4.8640

Conversions

Conversions Part 2

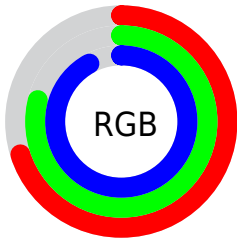
Format	Color
R _Y B	178, 195, 234
Decimal	11717354
CIE Lab	80.54, -1.15, -18.50
CIE LCh	81, 18.539, 266.444
Yxy	57.6466, 0.2743, 0.2910
Android (android.graphics.Color)	4289907434 (0xFFB2CAEA)
YUV	198.4720, 17.5153, -17.9539
Hunter-Lab	75.9254, -5.1203, -14.0980

Details

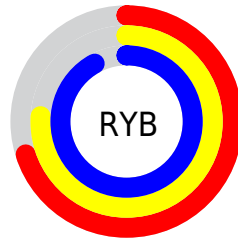
The Yxy color **57.6466, 0.2743, 0.2910** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.8282, 0.3545, 0.3642**, and the grayscale version is **56.6813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **28.6792, 0.2645, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **49.1015, 0.2573, 0.2722**, and if you desaturate by 10%, it is **67.2134, 0.2909, 0.3081**.

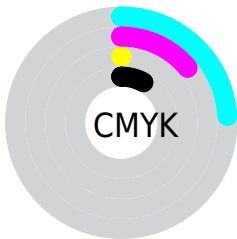
Distribution



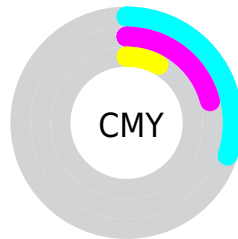
- Red (70%)
- Green (79%)
- Blue (92%)



- Red (70%)
- Yellow (76%)
- Blue (92%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6466, 0.2743, 0.2910 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 57.6466, 0.2743, 0.2910 by changing the saturation by 10% instead.

■ 57.6466, 0.2743,
0.2910

■ 57.6466, 0.2743,
0.2910

415.8678, 0.2926,
0.3092

■ 41.5246, 0.2700,
0.2867

■ 101.4080, 0.2808,
0.2974

■ 28.7292, 0.2646,
0.2813

129.8163, 0.2832,
0.2999

■ 18.8761, 0.2577,
0.2744

163.0887, 0.2854,
0.3020

■ 11.5808, 0.2485,
0.2652

201.6098, 0.2872,
0.3038

■ 6.4589, 0.2357,
0.2523

245.7638, 0.2888,
0.3054

■ 3.1261, 0.2169,
0.2332

295.9352, 0.2902,

■ 1.1979, 0.1867,

0.3068

0.2025

352.5084, 0.2915,
0.3081

0.0600, 0.0192,
0.0399

0.0000, 0.0000,
0.0000

57.6466, 0.2743,
0.2910

57.6466, 0.2743,
0.2910

49.1015, 0.2573,
0.2722

67.2134, 0.2909,
0.3081

41.5332, 0.2402,
0.2518

77.8303, 0.3067,
0.3235

34.9039, 0.2237,
0.2302

89.5333, 0.3217,
0.3371

29.1697, 0.2082,
0.2079

98.7212, 0.3250,
0.3493

■ 24.2828, 0.1944,
0.1855

■ 20.1892, 0.1830,
0.1637

■ 16.8261, 0.1742,
0.1435

■ 15.0883, 0.1700,
0.1321

Harmonies

Analogous

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



57.6466, 0.2670, 0.3028



57.6466, 0.2743, 0.2910



57.6466, 0.2917, 0.2893

Triad

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



57.6466, 0.2743, 0.2910



57.6466, 0.3559, 0.3329



57.6466, 0.3087, 0.3639

Complementary

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



57.6466, 0.2743, 0.2910



66.8282, 0.3545, 0.3642

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.



57.6466, 0.3328, 0.3718



57.6466, 0.2743, 0.2910



57.6466, 0.3606, 0.3527

Square

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



57.6466, 0.2743, 0.2910



57.6466, 0.3390, 0.3130



57.6466, 0.3520, 0.3672



57.6466, 0.2864, 0.3453

Rectangle

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



57.6466, 0.2743, 0.2910



57.6466, 0.3071, 0.2937



57.6466, 0.3520, 0.3672



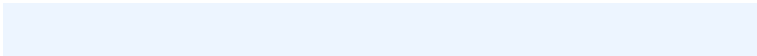
57.6466, 0.3169, 0.3679

Sweetspot

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



57.6489, 0.2743, 0.2910



90.4286, 0.3019, 0.3189



72.9625, 0.2910, 0.3574



19.1853, 0.3009, 0.3180



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.



57.6489, 0.2743, 0.2910



64.4899, 0.2655, 0.2814



47.7116, 0.2746, 0.2619



15.6092, 0.2980, 0.3152



8.7162, 0.1708, 0.1349



0.8718, 0.1783, 0.1619

Inverse Universe

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



53.6125, 0.3416, 0.3026



59.1172, 0.3499, 0.2965



78.9379, 0.3461, 0.3892



15.1611, 0.3226, 0.3190



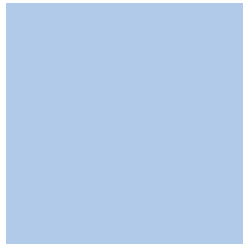
10.3727, 0.5259, 0.2671



0.8334, 0.4907, 0.2477

Previews

White Background



This preview shows how the Yxy color 57.6466, 0.2743, 0.2910 looks on a white background.

Color Contrast Check

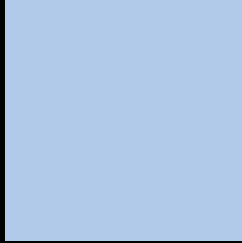
Large Text (above 18pt) WCAG AA × Fail

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 57.6466, 0.2743, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

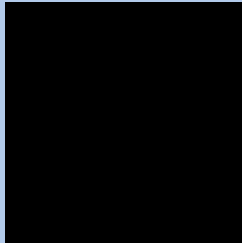
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

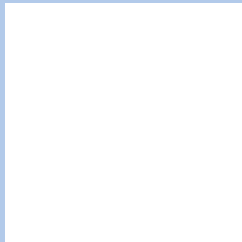
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6466, 0.2743, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 57.6466, 0.2743, 0.2910.



This preview shows how white text looks on a background with the Yxy color 57.6466, 0.2743, 0.2910.

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

57.6466, 0.2743, 0.2910

Protanopia

57.4951, 0.2862, 0.2906

Deuteranopia

57.4459, 0.2892, 0.2835



Tritanopia

57.5201, 0.2804, 0.3083

Trichromacy



Original Color

57.6466, 0.2743, 0.2910

Protanomaly

57.3644, 0.2821, 0.2903

Deuteranomaly

57.7238, 0.2836, 0.2863

Tritanomaly

57.4330, 0.2779, 0.3012

Monochromacy



Original Color

57.6466, 0.2743, 0.2910

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6264, 0.2981, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6466, 0.2743, 0.2910 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(178, 202, 234)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 234)  
}
```

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(178, 202, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 234) }
```

Border

The CSS property to change the border of an element to Yxy 57.6466, 0.2743, 0.2910 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(178, 202, 234) }
```

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

```
.border{ border-color:rgb(178, 202, 234) }
```

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

Here you see how a box with a 4 pixel rgb(178, 202, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 234);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6466, 0.2743, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 234) }
```

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

```
.background{ background-color: rgb(178,  
202, 234) }
```

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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