

Converting Colors

$Yxy(61.8626, 0.2765, 0.2951)$

Have a look what the booklet for
Yxy(61.8626, 0.2765, 0.2951)
contains.

Yxy(61.9643, 0.2765, 0.2954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.9643, 0.2765, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	B8D1EE
RGB	184, 209, 238
RGB Percent	72%, 82%, 93%
CMY	0.2785, 0.1804, 0.0666
CMYK	0.23, 0.12, 0.00, 0.07
HSL	212°, 61%, 83%
HSV	212°, 23%, 93%
XYZ	57.9998, 61.9643, 89.8000
YIQ	204.8310, -24.2090, 3.7190

Conversions

Conversions Part 2

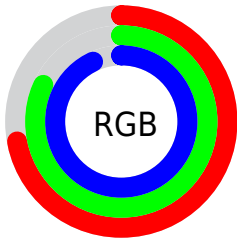
Format	Color
RYB	184, 201, 238
Decimal	12112366
CIELab	82.89, -2.17, -17.05
CIELCh	83, 17.188, 262.742
Yxy	61.9643, 0.2765, 0.2954
Android (android.graphics.Color)	4290302446 (0xFFB8D1EE)
YUV	204.8310, 16.3523, -18.2688
Hunter-Lab	78.7174, -6.2349, -12.5352

Details

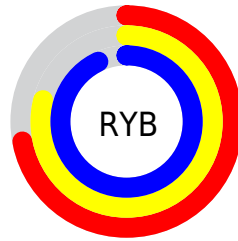
The Yxy color **61.9643, 0.2765, 0.2954** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.2277, 0.3525, 0.3604**, and the grayscale version is **60.8440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **31.5659, 0.2676, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **53.2485, 0.2598, 0.2780**, and if you desaturate by 10%, it is **71.6827, 0.2929, 0.3112**.

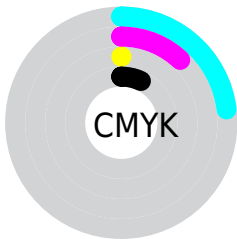
Distribution



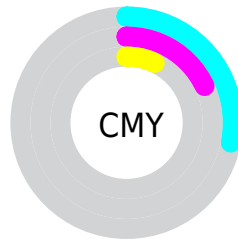
- Red (72%)
- Green (82%)
- Blue (93%)



- Red (72%)
- Yellow (79%)
- Blue (93%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (28%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9643, 0.2765, 0.2954 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 61.9643, 0.2765, 0.2954 by changing the saturation by 10% instead.

■ 61.9643, 0.2765,
0.2954

■ 61.9643, 0.2765,
0.2954

431.8009, 0.2936,
0.3113

■ 45.0039, 0.2725,
0.2917

■ 107.6739, 0.2825,
0.3010

■ 31.4605, 0.2676,
0.2870

137.1919, 0.2848,
0.3032

■ 20.9497, 0.2613,
0.2811

171.6645, 0.2868,
0.3050

■ 13.0873, 0.2530,
0.2732

211.4762, 0.2885,
0.3066

■ 7.4887, 0.2416,
0.2622

257.0112, 0.2900,
0.3080

■ 3.7695, 0.2250,
0.2462

308.6541, 0.2913,

■ 1.5455, 0.1988,

0.3093

0.2205

366.7892, 0.2925,
0.3104

0.3204, 0.1125,
0.1433

0.0000, 0.0000,
0.0000

61.9643, 0.2765,
0.2954

61.9643, 0.2765,
0.2954

53.2485, 0.2598,
0.2780

71.6827, 0.2929,
0.3112

45.4914, 0.2430,
0.2591

82.4306, 0.3086,
0.3254

38.6563, 0.2268,
0.2390

94.1676, 0.3233,
0.3381

32.7011, 0.2116,
0.2180

98.9537, 0.3226,
0.3454

■ 27.5794, 0.1981,
0.1969

■ 23.2391, 0.1868,
0.1761

■ 19.6195, 0.1780,
0.1564

■ 17.3702, 0.1730,
0.1429

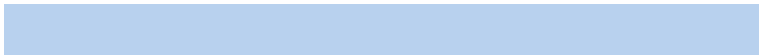
Harmonies

Analogous

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



61.9643, 0.2711, 0.3072



61.9643, 0.2765, 0.2954



61.9643, 0.2914, 0.2926

Triad

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



61.9643, 0.2765, 0.2954



61.9643, 0.3504, 0.3304



61.9643, 0.3119, 0.3619

Complementary

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



61.9643, 0.2765, 0.2954



69.2277, 0.3525, 0.3604

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.



61.9643, 0.3334, 0.3678



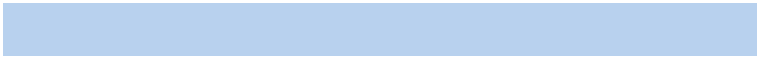
61.9643, 0.2765, 0.2954



61.9643, 0.3561, 0.3486

Square

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



61.9643, 0.2765, 0.2954



61.9643, 0.3341, 0.3125



61.9643, 0.3498, 0.3625



61.9643, 0.2911, 0.3462

Rectangle

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



61.9643, 0.2765, 0.2954



61.9643, 0.3050, 0.2959



61.9643, 0.3498, 0.3625



61.9643, 0.3193, 0.3651

Sweetspot

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



61.9668, 0.2765, 0.2954



90.8066, 0.3019, 0.3195



76.1393, 0.2930, 0.3580



19.2728, 0.3009, 0.3186



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.



61.9668, 0.2765, 0.2954



67.8361, 0.2692, 0.2879



50.8653, 0.2755, 0.2655



16.4351, 0.2980, 0.3160



9.9429, 0.1738, 0.1457



1.0242, 0.1807, 0.1706

Inverse Universe

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



57.0611, 0.3383, 0.3020



61.5046, 0.3446, 0.2965



82.4850, 0.3457, 0.3859



15.8806, 0.3221, 0.3181



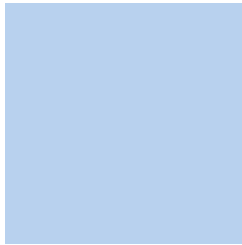
10.7971, 0.5115, 0.2591



0.9181, 0.4799, 0.2417

Previews

White Background



This preview shows how the Yxy color 61.9643, 0.2765, 0.2954 looks on a white background.

Color Contrast Check

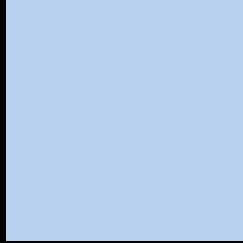
Large Text (above 18pt) WCAG AA × Fail

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 61.9643, 0.2765, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

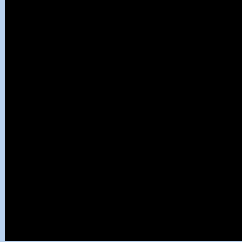
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

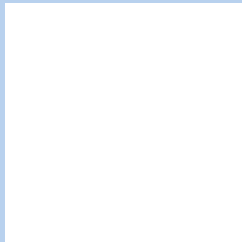
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9643, 0.2765, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 61.9643, 0.2765, 0.2954.



This preview shows how white text looks on a background with the Yxy color 61.9643, 0.2765, 0.2954.

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

61.9643, 0.2765, 0.2954

Protanopia

61.6014, 0.2895, 0.2939

Deuteranopia

61.7662, 0.2926, 0.2860



Tritanopia

62.1351, 0.2814, 0.3089

Trichromacy



Original Color

61.9643, 0.2765, 0.2954

Protanomaly

61.8008, 0.2848, 0.2948

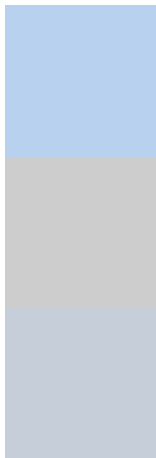
Deuteranomaly

61.8352, 0.2870, 0.2897

Tritanomaly

61.9867, 0.2795, 0.3032

Monochromacy



Original Color

61.9643, 0.2765, 0.2954

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0227, 0.2985, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9643, 0.2765, 0.2954 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(184, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(184, 209, 238)  
}
```

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(184, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 209, 238) }
```

Border

The CSS property to change the border of an element to Yxy 61.9643, 0.2765, 0.2954 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(184, 209, 238) }
```

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

```
.border{ border-color:rgb(184, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 209, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 209, 238); box-shadow:4px 4px 4px 4px rgb(184, 209, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9643, 0.2765, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 209, 238) }
```

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

```
.background{ background-color: rgb(184,  
209, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor