

Converting Colors

$Yxy(50.4787, 0.2569, 0.2591)$

Have a look what the booklet for
Yxy(50.4787, 0.2569, 0.2591)
contains.

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Color

Yxy(50.6196, 0.2570, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	A5BCF6
RGB	165, 188, 246
RGB Percent	65%, 74%, 96%
CMY	0.3530, 0.2627, 0.0353
CMYK	0.33, 0.24, 0.00, 0.04
HSL	223°, 82%, 81%
HSV	223°, 33%, 96%
XYZ	50.1319, 50.6196, 94.3144
YIQ	187.7350, -32.3260, 13.1620

Conversions

Conversions Part 2

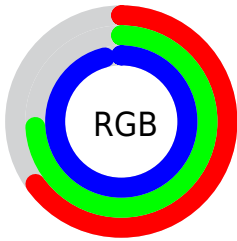
Format	Color
R _Y B	165, 183, 246
Decimal	10861814
CIE Lab	76.45, 5.50, -31.26
CIE LCh	76, 31.737, 279.978
Yxy	50.6196, 0.2570, 0.2595
Android (android.graphics.Color)	4289051894 (0xFFA5BCF6)
YUV	187.7350, 28.7246, -19.9386
Hunter-Lab	71.1475, 1.2667, -28.7927

Details

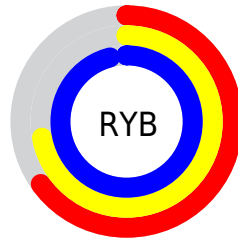
The Yxy color **50.6196, 0.2570, 0.2595** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.0718, 0.3696, 0.3898**, and the grayscale version is **49.9790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4510, 0.2926, 0.3178**, and **24.3816, 0.2432, 0.2430** is the 20% darker color. If you saturate the color by 10%, you get **41.1621, 0.2384, 0.2338**, and if you desaturate by 10%, it is **61.5064, 0.2751, 0.2832**.

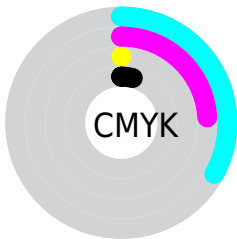
Distribution



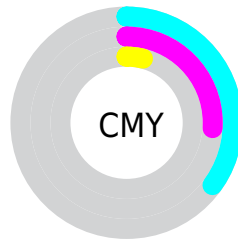
- Red (65%)
- Green (74%)
- Blue (96%)



- Red (65%)
- Yellow (72%)
- Blue (96%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (35%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6196, 0.2570, 0.2595 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 50.6196, 0.2570, 0.2595 by changing the saturation by 10% instead.

■ 50.6196, 0.2570,
0.2595

■ 50.6196, 0.2570,
0.2595

■ 389.0840, 0.2840,
0.2926

■ 35.9060, 0.2506,
0.2518

■ 91.0922, 0.2666,
0.2711

■ 24.3616, 0.2425,
0.2422

■ 117.6200, 0.2703,
0.2756

■ 15.6021, 0.2322,
0.2299

■ 148.8546, 0.2734,
0.2795

■ 9.2430, 0.2185,
0.2139

■ 185.1805, 0.2761,
0.2828

■ 4.9000, 0.1996,
0.1922

■ 226.9819, 0.2785,
0.2857

■ 2.1887, 0.1724,
0.1615

■ 274.6434, 0.2805,

■ 0.7138, 0.1314,

0.2883

0.1154

328.5493, 0.2824,
0.2906

0.0000, 0.0000,
0.0000

50.6196, 0.2570,
0.2595

50.6196, 0.2570,
0.2595

41.1621, 0.2384,
0.2338

61.5064, 0.2751,
0.2832

33.0658, 0.2199,
0.2067

73.8746, 0.2923,
0.3047

26.2657, 0.2023,
0.1791

87.7809, 0.3083,
0.3238

20.6885, 0.1866,
0.1523

99.4337, 0.3179,
0.3376

16.2526, 0.1736,
0.1274

■ 12.8643, 0.1641,
0.1060

■ 11.0221, 0.1593,
0.0933

Harmonies

Analogous

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



50.6196, 0.2367, 0.2705



50.6196, 0.2570, 0.2595



50.6196, 0.2927, 0.2652

Triad

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



50.6196, 0.2570, 0.2595



50.6196, 0.3973, 0.3500



50.6196, 0.2858, 0.3797

Complementary

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



50.6196, 0.2570, 0.2595



75.0718, 0.3696, 0.3898

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.



50.6196, 0.3281, 0.4041



50.6196, 0.2570, 0.2595



50.6196, 0.3940, 0.3824

Square

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



50.6196, 0.2570, 0.2595



50.6196, 0.3758, 0.3152



50.6196, 0.3680, 0.4037



50.6196, 0.2522, 0.3391

Rectangle

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



50.6196, 0.2570, 0.2595



50.6196, 0.3217, 0.2771



50.6196, 0.3680, 0.4037



50.6196, 0.2994, 0.3903

Sweetspot

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



50.6216, 0.2570, 0.2595



84.3819, 0.2971, 0.3105



79.1657, 0.2779, 0.3571



17.6207, 0.2948, 0.3077



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.



50.6216, 0.2570, 0.2595



47.4421, 0.2437, 0.2413



43.4062, 0.2651, 0.2339



16.6935, 0.2980, 0.3116



6.0885, 0.1600, 0.0960



0.7028, 0.1667, 0.1201

Inverse Universe

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



50.1294, 0.3675, 0.3043



47.4192, 0.3849, 0.2988



85.4155, 0.3510, 0.4146



16.5599, 0.3249, 0.3223



10.7140, 0.5819, 0.2979



0.9586, 0.5465, 0.2784

Previews

White Background



This preview shows how the Yxy color 50.6196, 0.2570, 0.2595 looks on a white background.

Color Contrast Check

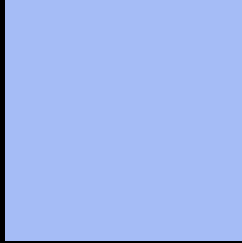
Large Text (above 18pt) WCAG AA × Fail

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 50.6196, 0.2570, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

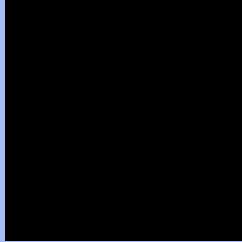
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

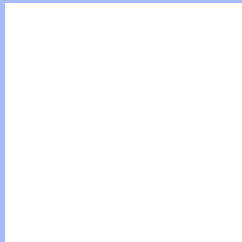
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6196, 0.2570, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 50.6196, 0.2570, 0.2595.



This preview shows how white text looks on a background with the Yxy color 50.6196, 0.2570, 0.2595.

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

50.6196, 0.2570, 0.2595

Protanopia

50.5946, 0.2625, 0.2590

Deuteranopia

50.5273, 0.2625, 0.2560



Tritanopia

50.8515, 0.2742, 0.3095

Trichromacy



Original Color

50.6196, 0.2570, 0.2595

Protanomaly

50.6793, 0.2607, 0.2599

Deuteranomaly

50.4911, 0.2600, 0.2567

Tritanomaly

50.5006, 0.2678, 0.2898

Monochromacy



Original Color

50.6196, 0.2570, 0.2595

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2732, 0.2909, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6196, 0.2570, 0.2595 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(165, 188, 246)` looks like.

```
.text, #text, p{  
    color:rgb(165, 188, 246)  
}
```

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(165, 188, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 188, 246) }
```

Border

The CSS property to change the border of an element to Yxy 50.6196, 0.2570, 0.2595 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(165, 188, 246) }
```

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

```
.border{ border-color:rgb(165, 188, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 188, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 188, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 188, 246);  
box-shadow:4px 4px 4px 4px rgb(165, 188,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6196, 0.2570, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 188, 246) }
```

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

```
.background{ background-color: rgb(165,  
188, 246) }
```

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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