

Converting Colors

$Yxy(53.1291, 0.2610, 0.2673)$

Have a look what the booklet for
Yxy(53.1291, 0.2610, 0.2673)
contains.

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Color

Yxy(53.1675, 0.2609, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	A9C1F5
RGB	169, 193, 245
RGB Percent	66%, 76%, 96%
CMY	0.3372, 0.2431, 0.0393
CMYK	0.31, 0.21, 0.00, 0.04
HSL	221°, 79%, 81%
HSV	221°, 31%, 96%
XYZ	51.9139, 53.1675, 93.8987
YIQ	191.7520, -30.9960, 11.0840

Conversions

Conversions Part 2

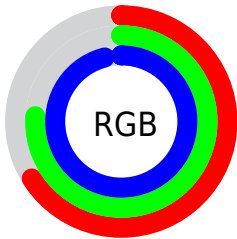
Format	Color
RYB	169, 187, 245
Decimal	11125237
CIELab	77.97, 3.65, -28.35
CIELCh	78, 28.580, 277.345
Yxy	53.1675, 0.2609, 0.2672
Android (android.graphics.Color)	4289315317 (0xFFA9C1F5)
YUV	191.7520, 26.2513, -19.9535
Hunter-Lab	72.9160, -0.5167, -25.3104

Details

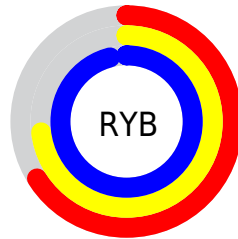
The Yxy color **53.1675, 0.2609, 0.2672** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.9881, 0.3666, 0.3838**, and the grayscale version is **52.4204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1401, 0.2951, 0.3229**, and **26.0751, 0.2476, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **43.7121, 0.2426, 0.2430**, and if you desaturate by 10%, it is **63.9749, 0.2786, 0.2894**.

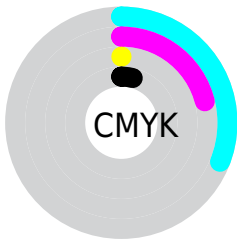
Distribution



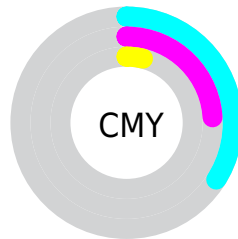
- Red (66%)
- Green (76%)
- Blue (96%)



- Red (66%)
- Yellow (73%)
- Blue (96%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1675, 0.2609, 0.2672 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 53.1675, 0.2609, 0.2672 by changing the saturation by 10% instead.

■ 53.1675, 0.2609,
0.2672

■ 53.1675, 0.2609,
0.2672

■ 398.9274, 0.2858,
0.2966

■ 37.9365, 0.2550,
0.2603

■ 94.8508, 0.2697,
0.2775

■ 25.9334, 0.2476,
0.2518

■ 122.0719, 0.2731,
0.2815

■ 16.7738, 0.2382,
0.2409

■ 154.0585, 0.2760,
0.2849

■ 10.0734, 0.2257,
0.2266

■ 191.1949, 0.2785,
0.2879

■ 5.4476, 0.2084,
0.2070

■ 233.8656, 0.2807,
0.2905

■ 2.5122, 0.1834,
0.1792

■ 282.4550, 0.2826,

■ 0.8827, 0.1451,

0.2928

0.1375

337.3475, 0.2843,
0.2948

0.0000, 0.0000,
0.0000

53.1675, 0.2609,
0.2672

53.1675, 0.2609,
0.2672

43.7121, 0.2426,
0.2430

63.9749, 0.2786,
0.2894

35.5460, 0.2244,
0.2173

76.1808, 0.2955,
0.3095

28.6108, 0.2070,
0.1909

89.8371, 0.3112,
0.3273

22.8402, 0.1912,
0.1646

99.3716, 0.3185,
0.3386

18.1611, 0.1779,
0.1398

■ 14.4896, 0.1677,
0.1176

■ 11.9478, 0.1613,
0.1006

Harmonies

Analogous

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



53.1675, 0.2440, 0.2788



53.1675, 0.2609, 0.2672



53.1675, 0.2919, 0.2709

Triad

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



53.1675, 0.2609, 0.2672



53.1675, 0.3867, 0.3454



53.1675, 0.2922, 0.3762

Complementary

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



53.1675, 0.2609, 0.2672



73.9881, 0.3666, 0.3838

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.



53.1675, 0.3301, 0.3959



53.1675, 0.2609, 0.2672



53.1675, 0.3859, 0.3747

Square

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



53.1675, 0.2609, 0.2672



53.1675, 0.3660, 0.3144



53.1675, 0.3647, 0.3942



53.1675, 0.2611, 0.3414

Rectangle

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



53.1675, 0.2609, 0.2672



53.1675, 0.3174, 0.2809



53.1675, 0.3647, 0.3942



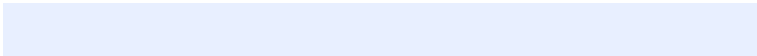
53.1675, 0.3045, 0.3850

Sweetspot

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



53.1696, 0.2609, 0.2672



86.2905, 0.2987, 0.3132



78.9489, 0.2804, 0.3567



18.0217, 0.2964, 0.3105



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.



53.1696, 0.2609, 0.2672



51.7776, 0.2498, 0.2527



45.0351, 0.2675, 0.2400



16.7805, 0.2980, 0.3123



6.6559, 0.1621, 0.1034



0.7617, 0.1689, 0.1280

Inverse Universe

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



51.6429, 0.3610, 0.3033



50.3645, 0.3744, 0.2980



85.1589, 0.3498, 0.4092



16.5687, 0.3244, 0.3216



10.7713, 0.5707, 0.2918



0.9645, 0.5354, 0.2723

Previews

White Background



This preview shows how the Yxy color 53.1675, 0.2609, 0.2672 looks on a white background.

Color Contrast Check

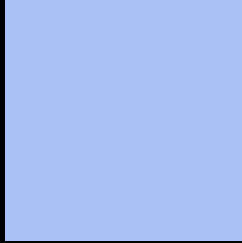
Large Text (above 18pt) WCAG AA × Fail

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 53.1675, 0.2609, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

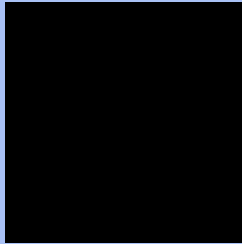
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

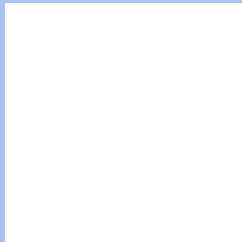
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1675, 0.2609, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 53.1675, 0.2609, 0.2672.



This preview shows how white text looks on a background with the Yxy color 53.1675, 0.2609, 0.2672.

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

53.1675, 0.2609, 0.2672

Protanopia

52.8817, 0.2682, 0.2667

Deuteranopia

53.1163, 0.2690, 0.2629



Tritanopia

52.9246, 0.2754, 0.3086

Trichromacy



Original Color

53.1675, 0.2609, 0.2672

Protanomaly

52.9072, 0.2651, 0.2664

Deuteranomaly

52.9457, 0.2658, 0.2635

Tritanomaly

52.9154, 0.2704, 0.2929

Monochromacy



Original Color

53.1675, 0.2609, 0.2672

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5928, 0.2927, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1675, 0.2609, 0.2672 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(169, 193, 245)` looks like.

```
.text, #text, p{  
    color:rgb(169, 193, 245)  
}
```

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(169, 193, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 193, 245) }
```

Border

The CSS property to change the border of an element to Yxy 53.1675, 0.2609, 0.2672 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(169, 193, 245) }
```

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

```
.border{ border-color:rgb(169, 193, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 193, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 193, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 193, 245);  
box-shadow:4px 4px 4px 4px rgb(169, 193,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1675, 0.2609, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 193, 245) }
```

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

```
.background{ background-color: rgb(169,  
193, 245) }
```

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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