

Converting Colors

$Yxy(49.5193, 0.2656, 0.2543)$

Have a look what the booklet for
Yxy(49.5193, 0.2656, 0.2543)
contains.

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Color

Yxy(49.6322, 0.2661, 0.2550)

Conversions

Conversions Part 1

Format	Color
Hex	B3B6F5
RGB	179, 182, 245
RGB Percent	70%, 71%, 96%
CMY	0.2981, 0.2862, 0.0393
CMYK	0.27, 0.26, 0.00, 0.04
HSL	237°, 77%, 83%
HSV	237°, 27%, 96%
XYZ	51.7927, 49.6322, 93.2112
YIQ	188.2850, -22.0110, 18.9570

Conversions

Conversions Part 2

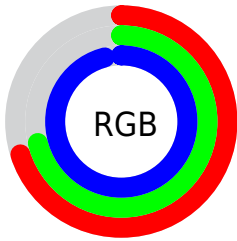
Format	Color
RYB	179, 182, 245
Decimal	11777781
CIELab	75.84, 12.52, -31.55
CIElCh	76, 33.947, 291.642
Yxy	49.6322, 0.2661, 0.2550
Android (android.graphics.Color)	4289967861 (0xFFB3B6F5)
YUV	188.2850, 27.9605, -8.1429
Hunter-Lab	70.4501, 7.9397, -29.1304

Details

The Yxy color $49.6322, 0.2661, 0.2550$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.1292, 0.3542, 0.3936$, and the grayscale version is $50.3066, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2019, 0.3012, 0.3120$, and $23.7346, 0.2534, 0.2359$ is the 20% darker color. If you saturate the color by 10%, you get $38.1820, 0.2457, 0.2221$, and if you desaturate by 10%, it is $63.2024, 0.2850, 0.2852$.

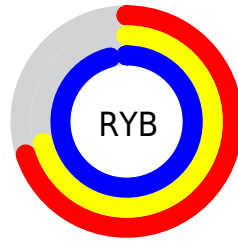
Distribution



Red (70%)

Green (71%)

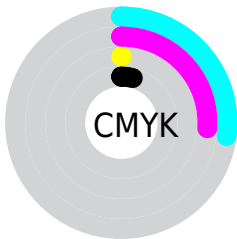
Blue (96%)



Red (70%)

Yellow (71%)

Blue (96%)

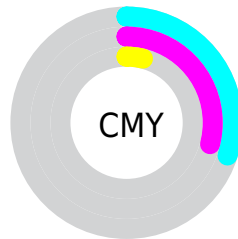


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.6322, 0.2661, 0.2550 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 49.6322, 0.2661, 0.2550 by changing the saturation by 10% instead.

■ 49.6322, 0.2661,
0.2550

■ 49.6322, 0.2661,
0.2550

■ 385.2259, 0.2890,
0.2900

■ 35.1212, 0.2606,
0.2469

■ 89.6297, 0.2743,
0.2672

■ 23.7563, 0.2536,
0.2369

■ 115.8850, 0.2774,
0.2720

■ 15.1529, 0.2445,
0.2242

■ 146.8239, 0.2801,
0.2760

■ 8.9268, 0.2324,
0.2076

■ 182.8308, 0.2824,
0.2796

■ 4.6935, 0.2154,
0.1853

■ 224.2900, 0.2844,
0.2826

■ 2.0685, 0.1904,
0.1542

■ 271.5860, 0.2861,

■ 0.6469, 0.1517,

0.2854

0.1063

325.1032, 0.2877,
0.2878

0.0000, 0.0000,
0.0000

49.6322, 0.2661,
0.2550

49.6322, 0.2661,
0.2550

38.1820, 0.2457,
0.2221

63.2024, 0.2850,
0.2852

28.7391, 0.2244,
0.1876

78.9859, 0.3021,
0.3122

21.1898, 0.2035,
0.1532

97.0775, 0.3171,
0.3359

15.4060, 0.1844,
0.1214

99.3707, 0.3185,
0.3386

11.2442, 0.1687,
0.0947

■ 8.5383, 0.1576,
0.0752

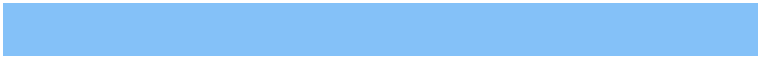
■ 7.0852, 0.1517,
0.0640

■ 6.8358, 0.1506,
0.0620

Harmonies

Analogous

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



49.6322, 0.2375, 0.2594



49.6322, 0.2661, 0.2550



49.6322, 0.3090, 0.2674

Triad

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



49.6322, 0.2661, 0.2550



49.6322, 0.4057, 0.3653



49.6322, 0.2680, 0.3678

Complementary

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



49.6322, 0.2661, 0.2550



86.1292, 0.3542, 0.3936

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.



49.6322, 0.3109, 0.4031



49.6322, 0.2661, 0.2550



49.6322, 0.3916, 0.3970

Square

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



49.6322, 0.2661, 0.2550



49.6322, 0.3927, 0.3282



49.6322, 0.3563, 0.4129



49.6322, 0.2383, 0.3217

Rectangle

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



49.6322, 0.2661, 0.2550



49.6322, 0.3408, 0.2836



49.6322, 0.3563, 0.4129



49.6322, 0.2813, 0.3817

Sweetspot

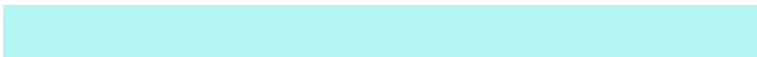
The Sweet Spot groups the original color and five complimentary colors.



49.6342, 0.2661, 0.2550



84.5387, 0.3003, 0.3095



81.2592, 0.2750, 0.3325



17.5114, 0.2978, 0.3055



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.



49.6342, 0.2661, 0.2550



47.6524, 0.2558, 0.2384



52.3328, 0.2875, 0.2559



16.0487, 0.2979, 0.3056



3.7371, 0.1508, 0.0628



0.3706, 0.1528, 0.0699

Inverse Universe

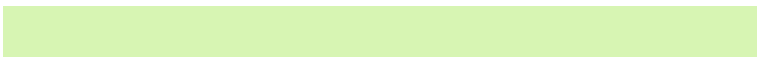
The Inverse Universe completely reimagines the original color for something new.



55.0187, 0.3685, 0.3259



54.4810, 0.3834, 0.3253



83.0293, 0.3329, 0.4012



16.4948, 0.3287, 0.3280



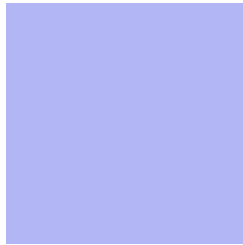
10.4766, 0.6353, 0.3273



0.9250, 0.6234, 0.3208

Previews

White Background



This preview shows how the Yxy color 49.6322, 0.2661, 0.2550 looks on a white background.

Color Contrast Check

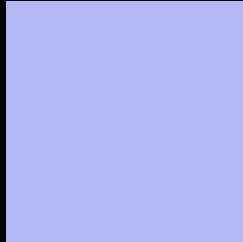
Large Text (above 18pt) WCAG AA × Fail

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 49.6322, 0.2661, 0.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

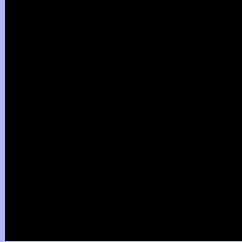
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6322, 0.2661, 0.2550

Background



This preview shows how black text looks on a background with the Yxy color 49.6322, 0.2661, 0.2550.



This preview shows how white text looks on a background with the Yxy color 49.6322, 0.2661, 0.2550.

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

49.6322, 0.2661, 0.2550

Protanopia

49.9594, 0.2592, 0.2554

Deuteranopia

49.8722, 0.2629, 0.2567



Tritanopia

49.8926, 0.2870, 0.3098

Trichromacy



Original Color

49.6322, 0.2661, 0.2550

Protanomaly

49.8190, 0.2617, 0.2556

Deuteranomaly

49.6897, 0.2641, 0.2558

Tritanomaly

49.7066, 0.2789, 0.2880

Monochromacy



Original Color

49.6322, 0.2661, 0.2550

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0355, 0.2947, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6322, 0.2661, 0.2550 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(179, 182, 245)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 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(179, 182, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 245) }
```

Border

The CSS property to change the border of an element to Yxy 49.6322, 0.2661, 0.2550 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(179, 182, 245) }
```

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

```
.border{ border-color:rgb(179, 182, 245) }
```

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

Here you see how a box with a 4 pixel rgb(179, 182, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 245);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6322, 0.2661, 0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 245) }
```

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

```
.background{ background-color: rgb(179,  
182, 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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