

Converting Colors

$Yxy(50.3906, 0.2592, 0.2734)$

Have a look what the booklet for
Yxy(50.3906, 0.2592, 0.2734)
contains.

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Color

Yxy(50.5289, 0.2593, 0.2745)

Conversions

Conversions Part 1

Format	Color
Hex	9EBFEB
RGB	158, 191, 235
RGB Percent	62%, 75%, 92%
CMY	0.3802, 0.2510, 0.0785
CMYK	0.33, 0.19, 0.00, 0.08
HSL	214°, 66%, 77%
HSV	214°, 33%, 92%
XYZ	47.7309, 50.5289, 85.8163
YIQ	186.1490, -33.7920, 6.6880

Conversions

Conversions Part 2

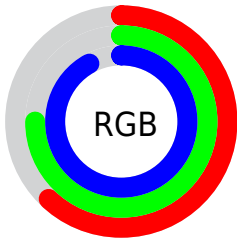
Format	Color
R _Y B	158, 181, 235
Decimal	10403819
CIE Lab	76.39, -0.82, -25.44
CIE LCh	76, 25.458, 268.159
Yxy	50.5289, 0.2593, 0.2745
Android (android.graphics.Color)	4288593899 (0xFF9EBFEB)
YUV	186.1490, 24.0835, -24.6867
Hunter-Lab	71.0837, -4.5381, -21.8197

Details

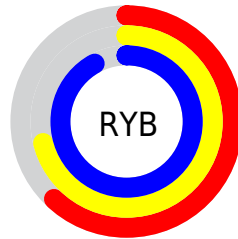
The Yxy color **50.5289, 0.2593, 0.2745** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.3849, 0.3728, 0.3778**, and the grayscale version is **49.0728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0377, 0.2879, 0.3207**, and **24.3747, 0.2454, 0.2608** is the 20% darker color. If you saturate the color by 10%, you get **42.7772, 0.2422, 0.2543**, and if you desaturate by 10%, it is **59.2776, 0.2763, 0.2931**.

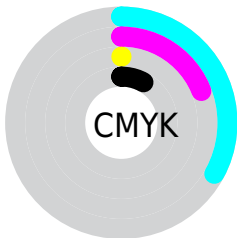
Distribution



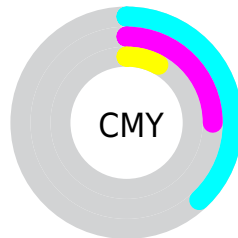
- Red (62%)
- Green (75%)
- Blue (92%)



- Red (62%)
- Yellow (71%)
- Blue (92%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5289, 0.2593, 0.2745 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 50.5289, 0.2593, 0.2745 by changing the saturation by 10% instead.

■ 50.5289, 0.2593,
0.2745

■ 50.5289, 0.2593,
0.2745

■ 388.7307, 0.2852,
0.3010

■ 35.8338, 0.2531,
0.2682

■ 90.9580, 0.2685,
0.2839

■ 24.3059, 0.2454,
0.2602

■ 117.4609, 0.2720,
0.2875

■ 15.5607, 0.2354,
0.2500

■ 148.6684, 0.2750,
0.2906

■ 9.2138, 0.2221,
0.2363

■ 184.9651, 0.2776,
0.2932

■ 4.8809, 0.2036,
0.2171

■ 226.7352, 0.2798,
0.2955

■ 2.1776, 0.1765,
0.1890

■ 274.3633, 0.2818,

■ 0.7077, 0.1322,

0.2976

0.1433

328.2336, 0.2836,
0.2994

0.0000, 0.0000,
0.0000

50.5289, 0.2593,
0.2745

50.5289, 0.2593,
0.2745

42.7772, 0.2422,
0.2543

59.2776, 0.2763,
0.2931

35.9763, 0.2256,
0.2328

69.0552, 0.2928,
0.3100

30.0844, 0.2099,
0.2106

79.8994, 0.3086,
0.3252

25.0536, 0.1959,
0.1881

91.8439, 0.3234,
0.3386

20.8304, 0.1842,
0.1663

98.7768, 0.3244,
0.3483

■ 17.3526, 0.1751,
0.1458

■ 15.2329, 0.1700,
0.1321

Harmonies

Analogous

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



50.5289, 0.2484, 0.2896



50.5289, 0.2593, 0.2745



50.5289, 0.2842, 0.2735

Triad

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



50.5289, 0.2593, 0.2745



50.5289, 0.3758, 0.3355



50.5289, 0.3045, 0.3788

Complementary

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



50.5289, 0.2593, 0.2745



62.3849, 0.3728, 0.3778

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.



50.5289, 0.3390, 0.3910



50.5289, 0.2593, 0.2745



50.5289, 0.3814, 0.3633

Square

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



50.5289, 0.2593, 0.2745



50.5289, 0.3521, 0.3077



50.5289, 0.3675, 0.3843



50.5289, 0.2734, 0.3507

Rectangle

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



50.5289, 0.2593, 0.2745



50.5289, 0.3063, 0.2802



50.5289, 0.3675, 0.3843



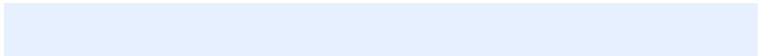
50.5289, 0.3161, 0.3850

Sweetspot

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



50.5309, 0.2593, 0.2745



86.5286, 0.2971, 0.3143



70.9251, 0.2837, 0.3697



18.1381, 0.2949, 0.3121



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.



50.5309, 0.2593, 0.2745



54.6957, 0.2483, 0.2617



38.2735, 0.2578, 0.2328



15.6097, 0.2980, 0.3152



8.7215, 0.1708, 0.1350



0.8723, 0.1783, 0.1620

Inverse Universe

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



45.8908, 0.3560, 0.2923



48.9699, 0.3681, 0.2849



78.6718, 0.3583, 0.4117



15.1611, 0.3226, 0.3190



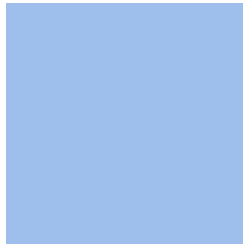
10.3732, 0.5258, 0.2670



0.8335, 0.4906, 0.2476

Previews

White Background



This preview shows how the Yxy color 50.5289, 0.2593, 0.2745 looks on a white background.

Color Contrast Check

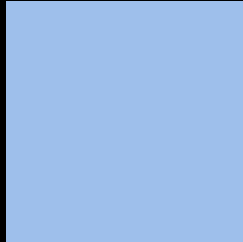
Large Text (above 18pt) WCAG AA × Fail

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 50.5289, 0.2593, 0.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

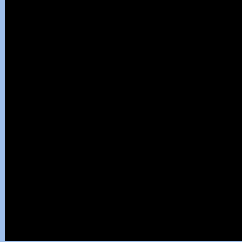
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

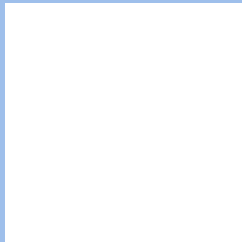
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5289, 0.2593, 0.2745

Background



This preview shows how black text looks on a background with the Yxy color 50.5289, 0.2593, 0.2745.



This preview shows how white text looks on a background with the Yxy color 50.5289, 0.2593, 0.2745.

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

50.5289, 0.2593, 0.2745

Protanopia

50.2911, 0.2732, 0.2734

Deuteranopia

50.1609, 0.2733, 0.2671



Tritanopia

50.5057, 0.2709, 0.3081

Trichromacy



Original Color

50.5289, 0.2593, 0.2745

Protanomaly

50.3957, 0.2679, 0.2741

Deuteranomaly

50.4810, 0.2680, 0.2698

Tritanomaly

50.7194, 0.2666, 0.2957

Monochromacy



Original Color

50.5289, 0.2593, 0.2745

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5562, 0.2914, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5289, 0.2593, 0.2745 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(158, 191, 235)` looks like.

```
.text, #text, p{  
    color:rgb(158, 191, 235)  
}
```

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(158, 191, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 191, 235) }
```

Border

The CSS property to change the border of an element to Yxy 50.5289, 0.2593, 0.2745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

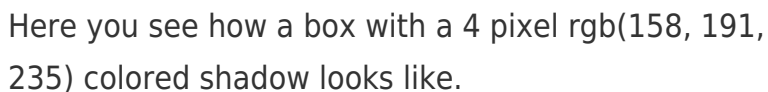
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 191, 235) }
```

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

```
.border{ border-color:rgb(158, 191, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 191, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 191, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 191, 235); box-shadow:4px 4px 4px 4px rgb(158, 191, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5289, 0.2593, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 191, 235) }
```

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

```
.background{ background-color: rgb(158,  
191, 235) }
```

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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