

Converting Colors

Yxy(53.7117, 0.2594, 0.2553)

Have a look what the booklet for
Yxy(53.7117, 0.2594, 0.2553)
contains.

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Color

Yxy(53.7117, 0.2594, 0.2553)

Conversions

Conversions Part 1

Format	Color
Hex	B0BFFF
RGB	176, 191, 255
RGB Percent	69%, 75%, 100%
CMY	0.3101, 0.2509, 0.0000
CMYK	0.31, 0.25, 0.00, 0.00
HSL	229°, 100%, 84%
HSV	229°, 31%, 100%
XYZ	54.5743, 53.7117, 102.1006
YIQ	193.8110, -29.4840, 16.7240

Conversions

Conversions Part 2

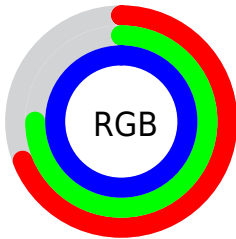
Format	Color
RYB	176, 189, 255
Decimal	11583487
CIELab	78.29, 9.14, -33.18
CIELCh	78, 34.420, 285.403
Yxy	53.7117, 0.2594, 0.2553
Android (android.graphics.Color)	4289773567 (0xFFB0BFFF)
YUV	193.8110, 30.1662, -15.6202
Hunter-Lab	73.2883, 4.6660, -31.2973

Details

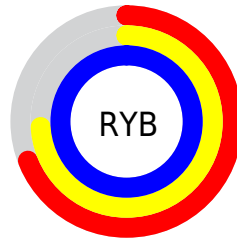
The Yxy color **53.7117, 0.2594, 0.2553** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.6622, 0.3639, 0.3932**, and the grayscale version is **53.6580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0652, 0.2993, 0.3210**, and **26.3191, 0.2457, 0.2381** is the 20% darker color. If you saturate the color by 10%, you get **42.6401, 0.2399, 0.2265**, and if you desaturate by 10%, it is **66.6132, 0.2781, 0.2819**.

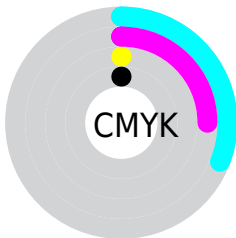
Distribution



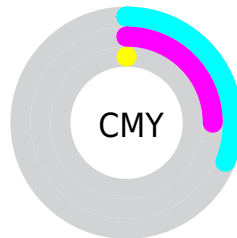
- Red (69%)
- Green (75%)
- Blue (100%)



- Red (69%)
- Yellow (74%)
- Blue (100%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7117, 0.2594, 0.2553 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 53.7117, 0.2594, 0.2553 by changing the saturation by 10% instead.

■ 53.7117, 0.2594,
0.2553

■ 53.7117, 0.2594,
0.2553

401.0097, 0.2851,
0.2898

■ 38.3712, 0.2534,
0.2474

■ 95.6508, 0.2685,
0.2673

■ 26.2709, 0.2458,
0.2377

123.0182, 0.2720,
0.2720

■ 17.0264, 0.2362,
0.2254

155.1634, 0.2749,
0.2760

■ 10.2533, 0.2234,
0.2096

192.4708, 0.2775,
0.2795

■ 5.5673, 0.2060,
0.1884

235.3247, 0.2798,
0.2825

■ 2.5838, 0.1812,
0.1592

284.1095, 0.2817,

■ 0.9185, 0.1439,

0.2852

0.1178

339.2097, 0.2835,
0.2877

0.0000, 0.0163,
0.0000

0.0000, 0.0000,
0.0000

53.7117, 0.2594,
0.2553

53.7117, 0.2594,
0.2553

42.6401, 0.2399,
0.2265

66.6132, 0.2781,
0.2819

33.3088, 0.2201,
0.1962

81.4176, 0.2954,
0.3058

25.6287, 0.2012,
0.1657

98.2005, 0.3112,
0.3270

19.5005, 0.1841,
0.1366

100.0000, 0.3127,
0.3290

■ 14.8135, 0.1701,
0.1107

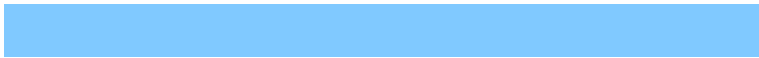
■ 11.4411, 0.1600,
0.0897

■ 9.3877, 0.1544,
0.0757

Harmonies

Analogous

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



53.7117, 0.2347, 0.2635



53.7117, 0.2594, 0.2553



53.7117, 0.2995, 0.2643

Triad

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



53.7117, 0.2594, 0.2553



53.7117, 0.4041, 0.3575



53.7117, 0.2766, 0.3761

Complementary

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



53.7117, 0.2594, 0.2553



86.6622, 0.3639, 0.3932

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.



53.7117, 0.3205, 0.4064



53.7117, 0.2594, 0.2553



53.7117, 0.3956, 0.3906

Square

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



53.7117, 0.2594, 0.2553



53.7117, 0.3857, 0.3207



53.7117, 0.3643, 0.4104



53.7117, 0.2438, 0.3312

Rectangle

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



53.7117, 0.2594, 0.2553



53.7117, 0.3307, 0.2785



53.7117, 0.3643, 0.4104



53.7117, 0.2905, 0.3887

Sweetspot

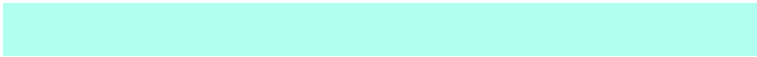
The Sweet Spot groups the original color and five complimentary colors.



53.7136, 0.2594, 0.2553



84.6223, 0.2987, 0.3103



86.9858, 0.2757, 0.3463



17.6133, 0.2963, 0.3070



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.



53.7136, 0.2594, 0.2553



46.8615, 0.2478, 0.2383



50.4776, 0.2740, 0.2414



17.9385, 0.2979, 0.3092



5.0642, 0.1550, 0.0779



0.6342, 0.1602, 0.0966

Inverse Universe

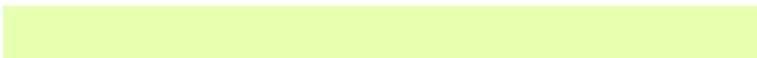
The Inverse Universe completely reimagines the original color for something new.



56.0482, 0.3699, 0.3134



49.8682, 0.3859, 0.3103



91.6878, 0.3436, 0.4111



18.0437, 0.3264, 0.3245



11.2392, 0.6104, 0.3136



1.1086, 0.5810, 0.2974

Previews

White Background



This preview shows how the Yxy color 53.7117, 0.2594, 0.2553 looks on a white background.

Color Contrast Check

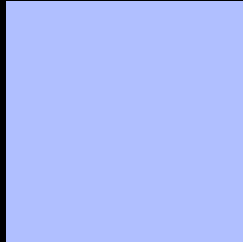
Large Text (above 18pt) WCAG AA × Fail

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 53.7117, 0.2594, 0.2553 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 53.7117, 0.2594, 0.2553

Background



This preview shows how black text looks on a background with the Yxy color 53.7117, 0.2594, 0.2553.



This preview shows how white text looks on a background with the Yxy color 53.7117, 0.2594, 0.2553.

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

53.7117, 0.2594, 0.2553

Protanopia

53.7117, 0.2594, 0.2553

Deuteranopia

53.5119, 0.2606, 0.2544



Tritanopia

53.9174, 0.2789, 0.3101

Trichromacy



Original Color

53.7117, 0.2594, 0.2553

Protanomaly

53.7117, 0.2594, 0.2553

Deuteranomaly

53.3940, 0.2599, 0.2542

Tritanomaly

53.6830, 0.2713, 0.2887

Monochromacy



Original Color

53.7117, 0.2594, 0.2553

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6626, 0.2916, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7117, 0.2594, 0.2553 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(176, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 191, 255)  
}
```

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(176, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.7117, 0.2594, 0.2553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

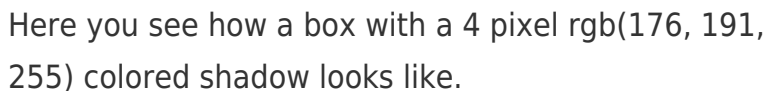
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 191, 255) }
```

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

```
.border{ border-color:rgb(176, 191, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 191, 255); box-shadow:4px 4px 4px 4px rgb(176, 191, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7117, 0.2594, 0.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 191, 255) }
```

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

```
.background{ background-color: rgb(176,  
191, 255) }
```

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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