

Converting Colors

$Yxy(51.9145, 0.2278, 0.2785)$

Have a look what the booklet for
Yxy(51.9145, 0.2278, 0.2785)
contains.

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Color

Yxy(52.1379, 0.2281, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	61CCF2
RGB	97, 204, 242
RGB Percent	38%, 80%, 95%
CMY	0.6198, 0.2000, 0.0508
CMYK	0.60, 0.16, 0.00, 0.05
HSL	196°, 85%, 66%
HSV	196°, 60%, 95%
XYZ	42.5497, 52.1379, 91.8522
YIQ	176.3390, -75.9700, -10.8660

Conversions

Conversions Part 2

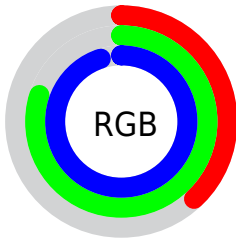
Format	Color
R _Y B	97, 159, 242
Decimal	6409458
CIE Lab	77.36, -19.94, -28.00
CIE LCh	77, 34.376, 234.555
Yxy	52.1379, 0.2281, 0.2795
Android (android.graphics.Color)	4284599538 (0xFF61CCF2)
YUV	176.3390, 32.3709, -69.5803
Hunter-Lab	72.2066, -21.1754, -24.8768

Details

The Yxy color **52.1379, 0.2281, 0.2795** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **37.0704, 0.4723, 0.3690**, and the grayscale version is **43.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **25.3966, 0.2077, 0.2658** is the 20% darker color. If you saturate the color by 10%, you get **48.0526, 0.2182, 0.2697**, and if you desaturate by 10%, it is **56.7553, 0.2398, 0.2891**.

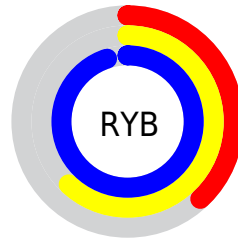
Distribution



Red (38%)

Green (80%)

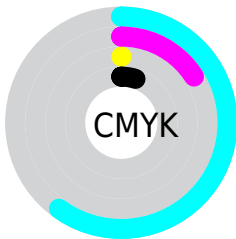
Blue (95%)



Red (38%)

Yellow (62%)

Blue (95%)

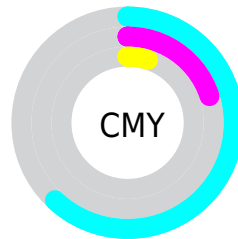


Cyan (60%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1379, 0.2281, 0.2795 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 52.1379, 0.2281, 0.2795 by changing the saturation by 10% instead.

■ 52.1379, 0.2281,
0.2795

■ 52.1379, 0.2281,
0.2795

■ 394.9687, 0.2680,
0.3044

■ 37.1150, 0.2189,
0.2734

■ 93.3346, 0.2420,
0.2885

■ 25.2965, 0.2076,
0.2655

■ 120.2772, 0.2474,
0.2919

■ 16.2981, 0.1933,
0.2553

■ 151.9617, 0.2521,
0.2948

■ 9.7354, 0.1749,
0.2415

■ 188.7727, 0.2561,
0.2973

■ 5.2238, 0.1504,
0.2219

■ 231.0946, 0.2596,
0.2994

■ 2.3792, 0.1171,
0.1928

■ 279.3116, 0.2627,

■ 0.8152, 0.0530,

0.3013

0.1499

333.8082, 0.2655,
0.3030

0.0000, 0.0000,
0.0000

52.1379, 0.2281,
0.2795

52.1379, 0.2281,
0.2795

48.0526, 0.2182,
0.2697

56.7553, 0.2398,
0.2891

44.4539, 0.2102,
0.2597

61.9339, 0.2529,
0.2982

41.2969, 0.2043,
0.2499

67.7069, 0.2670,
0.3069


38.5041, 0.2000,
0.2401


74.1031, 0.2820,
0.3149


38.4882, 0.2000,
0.2401

81.1489, 0.2973,
0.3223

 88.8694, 0.3128,
0.3290

 95.0648, 0.3207,
0.3352

 99.0414, 0.3203,
0.3412

 99.1929, 0.3202,
0.3415

Harmonies

Analogous

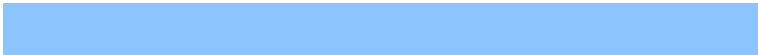
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.1379, 0.2367, 0.3174



52.1379, 0.2281, 0.2795



52.1379, 0.2397, 0.2585

Triad

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



52.1379, 0.2281, 0.2795



52.1379, 0.3602, 0.2967



52.1379, 0.3520, 0.4128

Complementary

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



52.1379, 0.2281, 0.2795



37.0704, 0.4723, 0.3690

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.



52.1379, 0.3887, 0.3991



52.1379, 0.2281, 0.2795



52.1379, 0.3948, 0.3318

Square

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



52.1379, 0.2281, 0.2795



52.1379, 0.3136, 0.2696



52.1379, 0.4051, 0.3687



52.1379, 0.3065, 0.4003

Rectangle

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



52.1379, 0.2281, 0.2795



52.1379, 0.2580, 0.2547



52.1379, 0.4051, 0.3687



52.1379, 0.3659, 0.4108

Sweetspot

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



52.1398, 0.2281, 0.2795



84.8718, 0.2849, 0.3164



67.7641, 0.2885, 0.4776



17.6918, 0.2804, 0.3141



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.



52.1398, 0.2281, 0.2795



53.1379, 0.2162, 0.2674



25.7892, 0.2060, 0.1808



17.1868, 0.2981, 0.3227



20.9036, 0.2005, 0.2417



1.8998, 0.2041, 0.2545

Inverse Universe

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



31.7848, 0.3594, 0.2205



30.3162, 0.3726, 0.2062



63.7757, 0.4194, 0.4399



15.9565, 0.3178, 0.3117



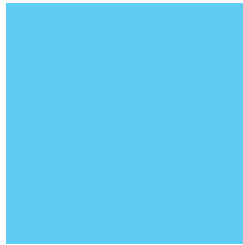
11.9036, 0.4006, 0.1980



1.0065, 0.3877, 0.1910

Previews

White Background



This preview shows how the Yxy color 52.1379, 0.2281, 0.2795 looks on a white background.

Color Contrast Check

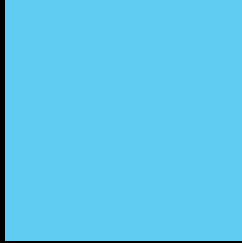
Large Text (above 18pt) WCAG AA × Fail

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 52.1379, 0.2281, 0.2795 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 52.1379, 0.2281, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 52.1379, 0.2281, 0.2795.



This preview shows how white text looks on a background with the Yxy color 52.1379, 0.2281, 0.2795.

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

52.1379, 0.2281, 0.2795

Protanopia

51.4393, 0.2762, 0.2773

Deuteranopia

51.6594, 0.2654, 0.2599



Tritanopia

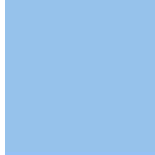
52.1313, 0.2339, 0.3058

Trichromacy



Original Color

52.1379, 0.2281, 0.2795



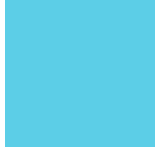
Protanomaly

51.0658, 0.2548, 0.2777



Deuteranomaly

51.1221, 0.2487, 0.2652



Tritanomaly

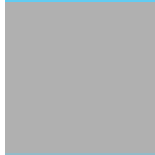
52.1874, 0.2316, 0.2955

Monochromacy



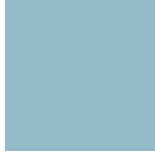
Original Color

52.1379, 0.2281, 0.2795



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

45.4910, 0.2726, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1379, 0.2281, 0.2795 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(97, 204, 242)` looks like.

```
.text, #text, p{  
    color:rgb(97, 204, 242)  
}
```

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(97, 204, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 204, 242) }
```

Border

The CSS property to change the border of an element to Yxy 52.1379, 0.2281, 0.2795 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(97, 204, 242) }
```

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

```
.border{ border-color:rgb(97, 204, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 204, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 204, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 204, 242);  
box-shadow:4px 4px 4px 4px rgb(97, 204,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1379, 0.2281, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 204, 242) }
```

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

```
.background{ background-color: rgb(97, 204,  
242) }
```

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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