

Converting Colors

$Yxy(52.8719, 0.2354, 0.3026)$

Have a look what the booklet for
Yxy(52.8719, 0.2354, 0.3026)
contains.

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Color

Yxy(52.6585, 0.2352, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	60CFE3
RGB	96, 207, 227
RGB Percent	38%, 81%, 89%
CMY	0.6235, 0.1882, 0.1099
CMYK	0.58, 0.09, 0.00, 0.11
HSL	189°, 70%, 63%
HSV	189°, 58%, 89%
XYZ	40.9973, 52.6585, 80.6524
YIQ	176.0910, -72.5760, -17.3120

Conversions

Conversions Part 2

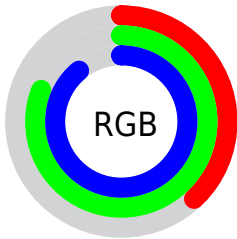
Format	Color
R _Y B	96, 156, 227
Decimal	6344675
CIE Lab	77.67, -25.98, -19.45
CIE LCh	78, 32.457, 216.827
Yxy	52.6585, 0.2352, 0.3021
Android (android.graphics.Color)	4284534755 (0xFF60CFE3)
YUV	176.0910, 25.0981, -70.2398
Hunter-Lab	72.5662, -26.1447, -15.1005

Details

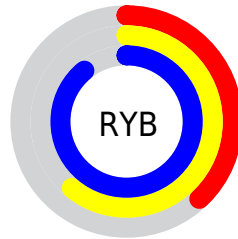
The Yxy color **52.6585, 0.2352, 0.3021** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.6506, 0.4745, 0.3515**, and the grayscale version is **43.3605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **25.5132, 0.2156, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **49.9442, 0.2264, 0.2967**, and if you desaturate by 10%, it is **55.7687, 0.2458, 0.3074**.

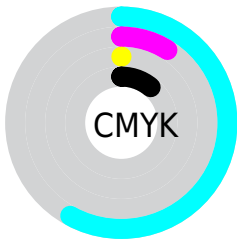
Distribution



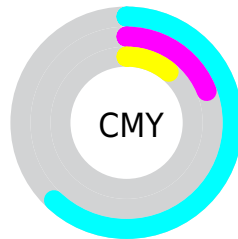
- Red (38%)
- Green (81%)
- Blue (89%)



- Red (38%)
- Yellow (61%)
- Blue (89%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)





- Cyan (62%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6585, 0.2352, 0.3021 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 52.6585, 0.2352, 0.3021 by changing the saturation by 10% instead.


 52.6585, 0.2352,
0.3021


 52.6585, 0.2352,
0.3021


396.9735, 0.2720,
0.3163

 37.5302, 0.2267,
0.2984


 94.1017, 0.2481,
0.3074


 25.6183, 0.2161,
0.2936


 121.1853, 0.2531,
0.3093

 16.5383, 0.2026,
0.2872


 153.0229, 0.2573,
0.3109

 9.9059, 0.1849,
0.2782

 189.9988, 0.2610,
0.3123

 5.3366, 0.1611,
0.2647

232.4975, 0.2643,
0.3135

 2.4461, 0.1278,
0.2429

280.9032, 0.2671,

 0.8494, 0.0433,

0.3145

0.2122

335.6004, 0.2697,
0.3155

0.0000, 0.0000,
0.0000

52.6585, 0.2352,
0.3021

52.6585, 0.2352,
0.3021

49.9442, 0.2264,
0.2967

55.7687, 0.2458,
0.3074

47.5882, 0.2196,
0.2912

59.2969, 0.2579,
0.3125

45.5551, 0.2147,
0.2858

63.2704, 0.2713,
0.3173

43.7941, 0.2115,
0.2804

67.7123, 0.2858,
0.3219

43.4101, 0.2109,
0.2792

72.6439, 0.3008,
0.3260

■ 78.0855, 0.3163,
0.3298

■ 84.0557, 0.3318,
0.3333

■ 86.0377, 0.3315,
0.3367

■ 88.0342, 0.3311,
0.3401

Harmonies

Analogous

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



52.6585, 0.2545, 0.3437



52.6585, 0.2352, 0.3021



52.6585, 0.2349, 0.2722

Triad

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



52.6585, 0.2352, 0.3021



52.6585, 0.3320, 0.2821



52.6585, 0.3721, 0.4029

Complementary

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



52.6585, 0.2352, 0.3021



29.6506, 0.4745, 0.3515

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.



52.6585, 0.3963, 0.3797



52.6585, 0.2352, 0.3021



52.6585, 0.3729, 0.3116

Square

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



52.6585, 0.2352, 0.3021



52.6585, 0.2882, 0.2633



52.6585, 0.3970, 0.3464



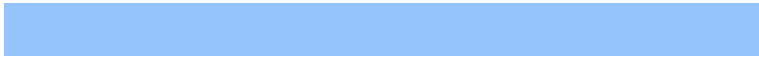
52.6585, 0.3328, 0.4060

Rectangle

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



52.6585, 0.2352, 0.3021



52.6585, 0.2454, 0.2616



52.6585, 0.3970, 0.3464



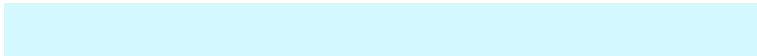
52.6585, 0.3823, 0.3969

Sweetspot

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



52.6605, 0.2352, 0.3021



88.5422, 0.2866, 0.3221



58.6599, 0.2953, 0.4891



18.6889, 0.2836, 0.3212



0.0000, 0.0000, 0.0000



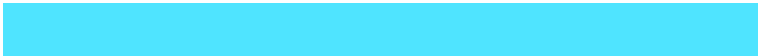
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.6605, 0.2352, 0.3021



64.4734, 0.2251, 0.2957



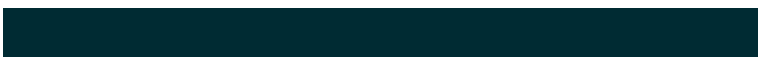
27.3280, 0.2145, 0.2069



15.9424, 0.2981, 0.3253



25.4634, 0.2111, 0.2800



1.9834, 0.2133, 0.2878

Inverse Universe

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



29.1960, 0.3402, 0.2108



32.4709, 0.3471, 0.1941



50.2699, 0.4240, 0.4235



14.5755, 0.3161, 0.3093



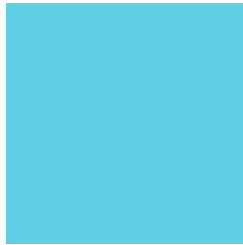
11.7683, 0.3635, 0.1776



0.8799, 0.3563, 0.1736

Previews

White Background



This preview shows how the Yxy color 52.6585, 0.2352, 0.3021 looks on a white background.

Color Contrast Check

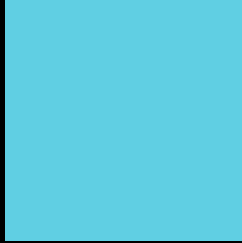
Large Text (above 18pt) WCAG AA × Fail

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 52.6585, 0.2352, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

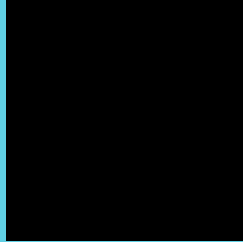
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6585, 0.2352, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 52.6585, 0.2352, 0.3021.



This preview shows how white text looks on a background with the Yxy color 52.6585, 0.2352, 0.3021.

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

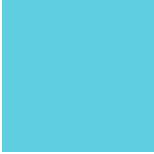
52.6585, 0.2352, 0.3021

Protanopia

51.8663, 0.2921, 0.2973

Deuteranopia

52.1290, 0.2826, 0.2770



Tritanopia

52.4404, 0.2362, 0.3059

Trichromacy



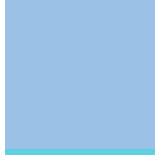
Original Color

52.6585, 0.2352, 0.3021



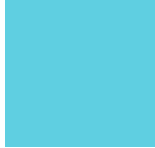
Protanomaly

51.4644, 0.2668, 0.2995



Deuteranomaly

51.2653, 0.2607, 0.2838



Tritanomaly

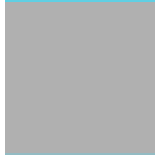
52.4948, 0.2357, 0.3046

Monochromacy



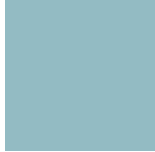
Original Color

52.6585, 0.2352, 0.3021



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

45.6838, 0.2760, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6585, 0.2352, 0.3021 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(96, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(96, 207, 227)  
}
```

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(96, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 207, 227) }
```

Border

The CSS property to change the border of an element to Yxy 52.6585, 0.2352, 0.3021 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(96, 207, 227) }
```

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

```
.border{ border-color:rgb(96, 207, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(96, 207,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6585, 0.2352, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 207, 227) }
```

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

```
.background{ background-color: rgb(96, 207,  
227) }
```

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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