

Converting Colors

$Yxy(52.3021, 0.2273, 0.2784)$

Have a look what the booklet for
Yxy(52.3021, 0.2273, 0.2784)
contains.

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Color

Yxy(52.1436, 0.2273, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	60CCF3
RGB	96, 204, 243
RGB Percent	38%, 80%, 95%
CMY	0.6240, 0.1999, 0.0470
CMYK	0.61, 0.16, 0.00, 0.05
HSL	196°, 86%, 66%
HSV	196°, 61%, 95%
XYZ	42.5880, 52.1436, 92.6331
YIQ	176.1540, -76.8870, -10.7670

Conversions

Conversions Part 2

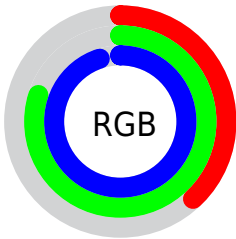
Format	Color
R_{YB}	96, 158, 243
Decimal	6343923
CIE _{Lab}	77.37, -19.84, -28.53
CIE _{LCh}	77, 34.750, 235.194
Yxy	52.1436, 0.2273, 0.2783
Android (android.graphics.Color)	4284534003 (0xFF60CCF3)
YUV	176.1540, 32.9551, -70.2951
Hunter-Lab	72.2105, -21.0935, -25.5110

Details

The Yxy color **52.1436, 0.2273, 0.2783** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **37.2018, 0.4743, 0.3697**, and the grayscale version is **43.3427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0091, 0.2596, 0.3288**, and **25.4005, 0.2067, 0.2642** is the 20% darker color. If you saturate the color by 10%, you get **48.0263, 0.2175, 0.2683**, and if you desaturate by 10%, it is **56.7986, 0.2389, 0.2880**.

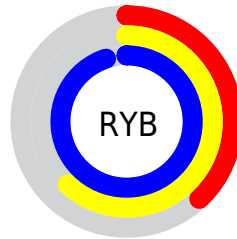
Distribution



Red (38%)

Green (80%)

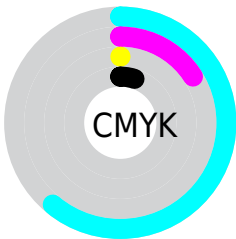
Blue (95%)



Red (38%)

Yellow (62%)

Blue (95%)

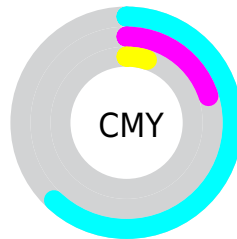


Cyan (61%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1436, 0.2273, 0.2783 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 52.1436, 0.2273, 0.2783 by changing the saturation by 10% instead.

■ 52.1436, 0.2273,
0.2783

■ 52.1436, 0.2273,
0.2783

■ 394.9907, 0.2675,
0.3038

■ 37.1195, 0.2181,
0.2720

■ 93.3430, 0.2413,
0.2875

■ 25.3001, 0.2067,
0.2641

■ 120.2871, 0.2468,
0.2910

■ 16.3008, 0.1923,
0.2537

■ 151.9734, 0.2515,
0.2939

■ 9.7372, 0.1738,
0.2396

■ 188.7862, 0.2555,
0.2965

■ 5.2251, 0.1492,
0.2198

■ 231.1099, 0.2591,
0.2987

■ 2.3799, 0.1159,
0.1903

■ 279.3290, 0.2622,

■ 0.8155, 0.0525,

0.3006

0.1471

333.8278, 0.2650,
0.3023

0.0000, 0.0000,
0.0000

52.1436, 0.2273,
0.2783

52.1436, 0.2273,
0.2783

48.0263, 0.2175,
0.2683

56.7986, 0.2389,
0.2880

44.4005, 0.2096,
0.2583

62.0209, 0.2520,
0.2973

41.2199, 0.2037,
0.2483

67.8445, 0.2661,
0.3061

38.5486, 0.1997,
0.2390

74.2986, 0.2810,
0.3143

81.4100, 0.2964,
0.3218

89.2042, 0.3119,
0.3287

95.5572, 0.3201,
0.3349

99.2526, 0.3197,
0.3405

Harmonies

Analogous

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



52.1436, 0.2355, 0.3162



52.1436, 0.2273, 0.2783



52.1436, 0.2395, 0.2575

Triad

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



52.1436, 0.2273, 0.2783



52.1436, 0.3617, 0.2970



52.1436, 0.3515, 0.4138

Complementary

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



52.1436, 0.2273, 0.2783



37.2018, 0.4743, 0.3697

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.



52.1436, 0.3889, 0.4004



52.1436, 0.2273, 0.2783



52.1436, 0.3962, 0.3326

Square

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



52.1436, 0.2273, 0.2783



52.1436, 0.3146, 0.2695



52.1436, 0.4060, 0.3698



52.1436, 0.3054, 0.4006

Rectangle

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



52.1436, 0.2273, 0.2783



52.1436, 0.2582, 0.2540



52.1436, 0.4060, 0.3698



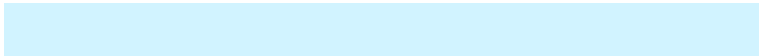
52.1436, 0.3655, 0.4119

Sweetspot

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



52.1455, 0.2273, 0.2783



84.7894, 0.2849, 0.3162



68.2815, 0.2884, 0.4793



17.6715, 0.2804, 0.3140



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.



52.1455, 0.2273, 0.2783



52.4513, 0.2152, 0.2657



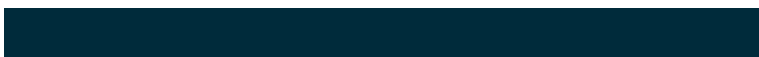
25.6389, 0.2049, 0.1791



17.9709, 0.2980, 0.3226



21.3845, 0.2002, 0.2405



2.0472, 0.2036, 0.2529

Inverse Universe

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



31.7649, 0.3606, 0.2201



29.9368, 0.3744, 0.2058



64.1604, 0.4205, 0.4408



16.6889, 0.3179, 0.3118



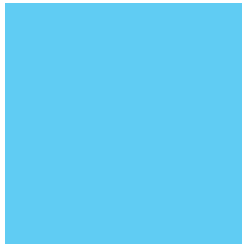
12.2581, 0.4018, 0.1987



1.0943, 0.3893, 0.1918

Previews

White Background



This preview shows how the Yxy color 52.1436, 0.2273, 0.2783 looks on a white background.

Color Contrast Check

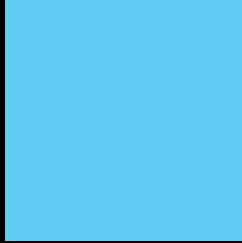
Large Text (above 18pt) WCAG AA × Fail

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 52.1436, 0.2273, 0.2783 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 52.1436, 0.2273, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 52.1436, 0.2273, 0.2783.



This preview shows how white text looks on a background with the Yxy color 52.1436, 0.2273, 0.2783.

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

52.1436, 0.2273, 0.2783

Protanopia

51.4959, 0.2755, 0.2762

Deuteranopia

51.7210, 0.2648, 0.2588



Tritanopia

52.0337, 0.2332, 0.3057

Trichromacy



Original Color

52.1436, 0.2273, 0.2783

Protanomaly

51.0293, 0.2537, 0.2764

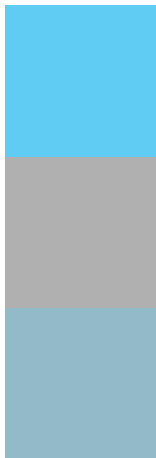
Deuteranomaly

51.0896, 0.2476, 0.2640

Tritanomaly

52.0858, 0.2309, 0.2954

Monochromacy



Original Color

52.1436, 0.2273, 0.2783

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 52.1436, 0.2273, 0.2783 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, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(96, 204, 243)  
}
```

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, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 204, 243) }
```

Border

The CSS property to change the border of an element to Yxy 52.1436, 0.2273, 0.2783 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, 204, 243) }
```

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

```
.border{ border-color:rgb(96, 204, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 204, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(96, 204,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1436, 0.2273, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 204, 243) }
```

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

```
.background{ background-color: rgb(96, 204,  
243) }
```

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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