

Converting Colors

$Yxy(52.3332, 0.2269, 0.3044)$

Have a look what the booklet for
Yxy(52.3332, 0.2269, 0.3044)
contains.

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Color

Yxy(52.3759, 0.2268, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	44D1E3
RGB	68, 209, 227
RGB Percent	27%, 82%, 89%
CMY	0.7336, 0.1804, 0.1097
CMYK	0.70, 0.08, 0.00, 0.11
HSL	187°, 74%, 58%
HSV	187°, 70%, 89%
XYZ	39.0495, 52.3759, 80.7505
YIQ	168.8930, -89.8140, -24.2940

Conversions

Conversions Part 2

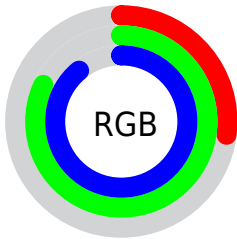
Format	Color
R _Y B	68, 143, 227
Decimal	4510179
CIE Lab	77.51, -31.34, -19.82
CIE LCh	78, 37.077, 212.310
Yxy	52.3759, 0.2268, 0.3042
Android (android.graphics.Color)	4282700259 (0xFF44D1E3)
YUV	168.8930, 28.6468, -88.4832
Hunter-Lab	72.3712, -30.3359, -15.4949

Details

The Yxy color **52.3759, 0.2268, 0.3042** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **23.4037, 0.5339, 0.3465**, and the grayscale version is **39.5025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9742, 0.2505, 0.3288**, and **26.0898, 0.2156, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **50.4618, 0.2210, 0.3002**, and if you desaturate by 10%, it is **54.6300, 0.2346, 0.3082**.

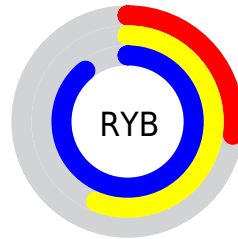
Distribution



Red (27%)

Green (82%)

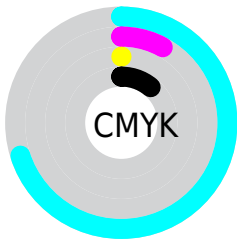
Blue (89%)



Red (27%)

Yellow (56%)

Blue (89%)

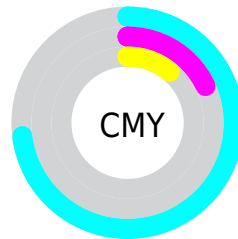


Cyan (70%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (73%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3759, 0.2268, 0.3042 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 52.3759, 0.2268, 0.3042 by changing the saturation by 10% instead.


 52.3759, 0.2268,
0.3042

 52.3759, 0.2268,
0.3042

395.8861, 0.2674,
0.3176

 37.3048, 0.2174,
0.3006


 93.6854, 0.2410,
0.3093


 25.4436, 0.2058,
0.2959


 120.6925, 0.2465,
0.3111

 16.4078, 0.1911,
0.2896


 152.4471, 0.2512,
0.3126

 9.8132, 0.1720,
0.2805

 189.3336, 0.2553,
0.3140

 5.2753, 0.1465,
0.2667

231.7364, 0.2589,
0.3151

 2.4097, 0.1115,
0.2443

280.0398, 0.2621,

 0.8309, 0.0064,

0.3160

0.2160

334.6282, 0.2649,
0.3169

■ 0.0000, 0.0000,
0.0000

■ 52.3759, 0.2268,
0.3042

■ 52.3759, 0.2268,
0.3042

■ 50.4618, 0.2210,
0.3002

■ 54.6300, 0.2346,
0.3082

■ 48.8430, 0.2170,
0.2963

■ 57.2511, 0.2443,
0.3121


■ 47.4637, 0.2146,
0.2924


■ 60.2698, 0.2556,
0.3159


■ 63.7118, 0.2684,
0.3195

■ 67.6005, 0.2824,
0.3229

 71.9578, 0.2972,
0.3261

 76.8038, 0.3126,
0.3290

 82.1575, 0.3282,
0.3316

 84.6135, 0.3318,
0.3341

Harmonies

Analogous

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



52.3759, 0.2514, 0.3532



52.3759, 0.2268, 0.3042



52.3759, 0.2234, 0.2679

Triad

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



52.3759, 0.2268, 0.3042



52.3759, 0.3268, 0.2718



52.3759, 0.3856, 0.4103

Complementary

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



52.3759, 0.2268, 0.3042



23.4037, 0.5339, 0.3465

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.



52.3759, 0.4101, 0.3806



52.3759, 0.2268, 0.3042



52.3759, 0.3754, 0.3034

Square

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



52.3759, 0.2268, 0.3042



52.3759, 0.2777, 0.2530



52.3759, 0.4069, 0.3419



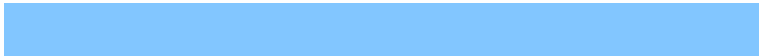
52.3759, 0.3424, 0.4190

Rectangle

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



52.3759, 0.2268, 0.3042



52.3759, 0.2329, 0.2543



52.3759, 0.4069, 0.3419



52.3759, 0.3964, 0.4021

Sweetspot

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



52.3778, 0.2268, 0.3042



87.4085, 0.2809, 0.3226



56.8228, 0.2969, 0.5364



18.3990, 0.2769, 0.3216



0.0000, 0.0000, 0.0000



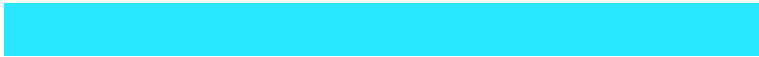
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3778, 0.2268, 0.3042



64.6840, 0.2190, 0.2985



23.1622, 0.1979, 0.1876



16.0427, 0.2982, 0.3263



27.7800, 0.2147, 0.2930



2.1326, 0.2163, 0.2987

Inverse Universe

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



25.0669, 0.3400, 0.1883



28.5859, 0.3462, 0.1754



43.0887, 0.4574, 0.4294



14.5856, 0.3155, 0.3084



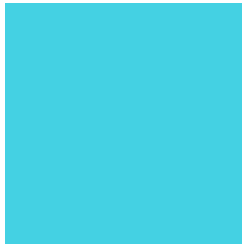
12.0021, 0.3516, 0.1711



0.8950, 0.3465, 0.1683

Previews

White Background



This preview shows how the Yxy color 52.3759, 0.2268, 0.3042 looks on a white background.

Color Contrast Check

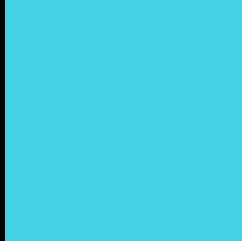
Large Text (above 18pt) WCAG AA × Fail

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 52.3759, 0.2268, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

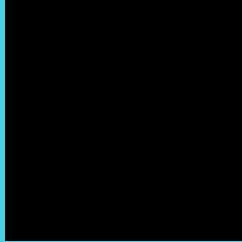
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3759, 0.2268, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 52.3759, 0.2268, 0.3042.



This preview shows how white text looks on a background with the Yxy color 52.3759, 0.2268, 0.3042.

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

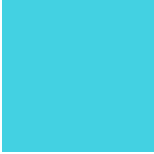
52.3759, 0.2268, 0.3042

Protanopia

51.6893, 0.2921, 0.2984

Deuteranopia

51.5088, 0.2804, 0.2745



Tritanopia

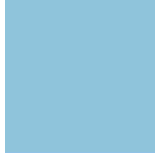
52.2852, 0.2270, 0.3055

Trichromacy



Original Color

52.3759, 0.2268, 0.3042



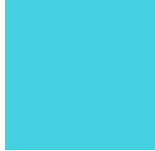
Protanomaly

50.4340, 0.2599, 0.2989



Deuteranomaly

50.2260, 0.2540, 0.2830



Tritanomaly

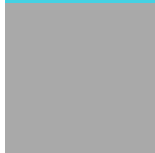
52.2852, 0.2270, 0.3055

Monochromacy



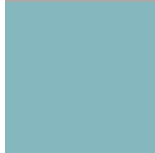
Original Color

52.3759, 0.2268, 0.3042



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

42.9042, 0.2684, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3759, 0.2268, 0.3042 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(68, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(68, 209, 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(68, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 209, 227) }
```

Border

The CSS property to change the border of an element to Yxy 52.3759, 0.2268, 0.3042 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(68, 209, 227) }
```

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

```
.border{ border-color:rgb(68, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(68, 209,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3759, 0.2268, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 209, 227) }
```

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

```
.background{ background-color: rgb(68, 209,  
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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