

Converting Colors

$Yxy(56.7145, 0.2293, 0.3051)$

Have a look what the booklet for
Yxy(56.7145, 0.2293, 0.3051)
contains.

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Color

Yxy(56.7145, 0.2293, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	4FD8EA
RGB	79, 216, 234
RGB Percent	31%, 85%, 92%
CMY	0.6907, 0.1529, 0.0823
CMYK	0.66, 0.08, 0.00, 0.08
HSL	187°, 79%, 61%
HSV	187°, 66%, 92%
XYZ	42.6242, 56.7145, 86.5496
YIQ	177.0890, -87.4300, -23.4460

Conversions

Conversions Part 2

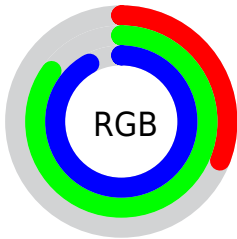
Format	Color
RYB	79, 152, 234
Decimal	5232874
CIELab	80.02, -31.16, -19.72
CIElCh	80, 36.873, 212.326
Yxy	56.7145, 0.2293, 0.3051
Android (android.graphics.Color)	4283422954 (0xFF4FD8EA)
YUV	177.0890, 28.0571, -86.0241
Hunter-Lab	75.3090, -30.7616, -15.4232

Details

The Yxy color **56.7145, 0.2293, 0.3051** 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 **26.5820, 0.5170, 0.3470**, and the grayscale version is **43.8832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7597, 0.2541, 0.3288**, and **28.7041, 0.2164, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **54.5057, 0.2227, 0.3010**, and if you desaturate by 10%, it is **59.3032, 0.2378, 0.3092**.

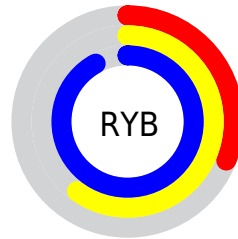
Distribution



Red (31%)

Green (85%)

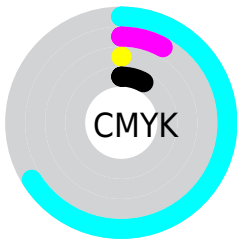
Blue (92%)



Red (31%)

Yellow (60%)

Blue (92%)

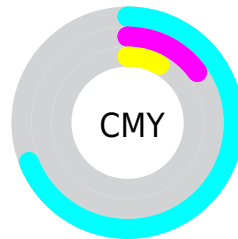


Cyan (66%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (69%)


Magenta (15%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7145, 0.2293, 0.3051 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 56.7145, 0.2293, 0.3051 by changing the saturation by 10% instead.


 56.7145, 0.2293,
0.3051

 56.7145, 0.2293,
0.3051

412.3786, 0.2682,
0.3178


 40.7761, 0.2204,
0.3018


 100.0485, 0.2428,
0.3099

 28.1441, 0.2095,
0.2974


 128.2128, 0.2481,
0.3116

 18.4343, 0.1957,
0.2916


 161.2213, 0.2526,
0.3131

 11.2623, 0.1779,
0.2834

 199.4582, 0.2565,
0.3143

 6.2435, 0.1543,
0.2711

243.3080, 0.2600,
0.3154

 2.9937, 0.1221,
0.2515

293.1551, 0.2631,

 1.1285, 0.0577,

0.3163

349.3838, 0.2658,
0.3171

0.2218

0.0021, 0.0000,
0.0014

0.0000, 0.0000,
0.0000

56.7145, 0.2293,
0.3051

56.7145, 0.2293,
0.3051

54.5057, 0.2227,
0.3010

59.3032, 0.2378,
0.3092

52.6315, 0.2180,
0.2969

62.2991, 0.2482,
0.3131

51.0453, 0.2151,
0.2929

65.7338, 0.2602,
0.3170

50.5009, 0.2143,
0.2915

69.6341, 0.2735,
0.3206

74.0244, 0.2879,
0.3240

78.9276, 0.3030,
0.3272

84.3648, 0.3185,
0.3300

88.1938, 0.3266,
0.3327

89.7842, 0.3264,
0.3353

Harmonies

Analogous

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



56.7145, 0.2533, 0.3525



56.7145, 0.2293, 0.3051



56.7145, 0.2259, 0.2698

Triad

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



56.7145, 0.2293, 0.3051



56.7145, 0.3264, 0.2735



56.7145, 0.3835, 0.4079

Complementary

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



56.7145, 0.2293, 0.3051



26.5820, 0.5170, 0.3470

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.



56.7145, 0.4071, 0.3793



56.7145, 0.2293, 0.3051



56.7145, 0.3734, 0.3042

Square

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



56.7145, 0.2293, 0.3051



56.7145, 0.2788, 0.2551



56.7145, 0.4039, 0.3418



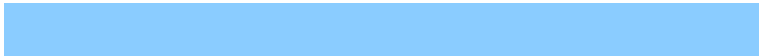
56.7145, 0.3416, 0.4161

Rectangle

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



56.7145, 0.2293, 0.3051



56.7145, 0.2353, 0.2566



56.7145, 0.4039, 0.3418



56.7145, 0.3939, 0.4000

Sweetspot

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



56.7166, 0.2293, 0.3051



87.8605, 0.2823, 0.3227



61.3237, 0.2972, 0.5255



18.4841, 0.2783, 0.3218



0.0000, 0.0000, 0.0000



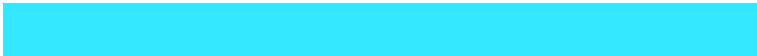
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7166, 0.2293, 0.3051



65.2631, 0.2206, 0.2993



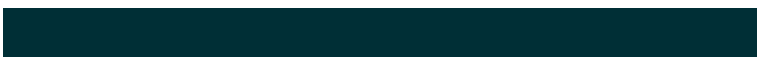
26.6261, 0.2032, 0.1962



16.8061, 0.2981, 0.3262



28.4961, 0.2145, 0.2921



2.3223, 0.2160, 0.2977

Inverse Universe

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



28.0262, 0.3389, 0.1934



29.4161, 0.3452, 0.1785



47.5448, 0.4490, 0.4263



15.2819, 0.3156, 0.3084



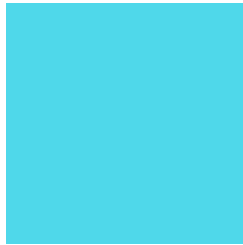
12.3695, 0.3525, 0.1715



0.9798, 0.3475, 0.1688

Previews

White Background



This preview shows how the Yxy color 56.7145, 0.2293, 0.3051 looks on a white background.

Color Contrast Check

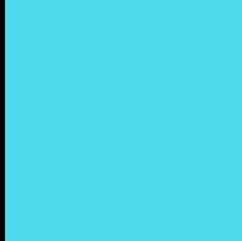
Large Text (above 18pt) WCAG AA × Fail

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 56.7145, 0.2293, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

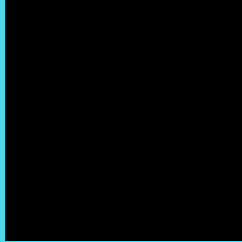
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7145, 0.2293, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 56.7145, 0.2293, 0.3051.



This preview shows how white text looks on a background with the Yxy color 56.7145, 0.2293, 0.3051.

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

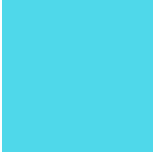
56.7145, 0.2293, 0.3051

Protanopia

55.5881, 0.2927, 0.2982

Deuteranopia

55.9740, 0.2821, 0.2763



Tritanopia

56.7145, 0.2293, 0.3051

Trichromacy



Original Color

56.7145, 0.2293, 0.3051



Protanomaly

54.7822, 0.2620, 0.3000



Deuteranomaly

54.6600, 0.2568, 0.2846



Tritanomaly

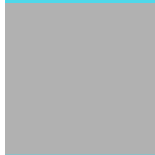
56.7145, 0.2293, 0.3051

Monochromacy



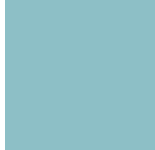
Original Color

56.7145, 0.2293, 0.3051



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

47.0015, 0.2704, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7145, 0.2293, 0.3051 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(79, 216, 234)` looks like.

```
.text, #text, p{  
    color:rgb(79, 216, 234)  
}
```

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(79, 216, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 216, 234) }
```

Border

The CSS property to change the border of an element to Yxy 56.7145, 0.2293, 0.3051 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(79, 216, 234) }
```

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

```
.border{ border-color:rgb(79, 216, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 216, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 216, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 216, 234);  
box-shadow:4px 4px 4px 4px rgb(79, 216,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7145, 0.2293, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 216, 234) }
```

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

```
.background{ background-color: rgb(79, 216,  
234) }
```

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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