

Converting Colors

$Yxy(52.4988, 0.2399, 0.3168)$

Have a look what the booklet for
Yxy(52.4988, 0.2399, 0.3168)
contains.

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Color

Yxy(52.5544, 0.2397, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	5FD0D9
RGB	95, 208, 217
RGB Percent	37%, 82%, 85%
CMY	0.6273, 0.1843, 0.1490
CMYK	0.56, 0.04, 0.00, 0.15
HSL	184°, 62%, 61%
HSV	184°, 56%, 85%
XYZ	39.8019, 52.5544, 73.6924
YIQ	175.2390, -70.2370, -21.1570

Conversions

Conversions Part 2

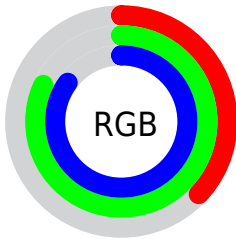
Format	Color
RYB	95, 154, 217
Decimal	6279385
CIELab	77.61, -29.42, -14.20
CIELCh	78, 32.669, 205.761
Yxy	52.5544, 0.2397, 0.3165
Android (android.graphics.Color)	4284469465 (0xFF5FD0D9)
YUV	175.2390, 20.5882, -70.3696
Hunter-Lab	72.4944, -28.8627, -9.5237

Details

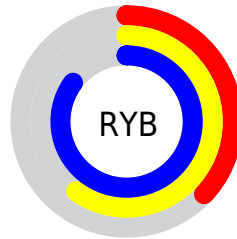
The Yxy color **52.5544, 0.2397, 0.3165** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **25.4869, 0.4752, 0.3398**, and the grayscale version is **42.9239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7086, 0.2583, 0.3288**, and **25.4845, 0.2214, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **50.7741, 0.2317, 0.3140**, and if you desaturate by 10%, it is **54.6702, 0.2496, 0.3190**.

Distribution



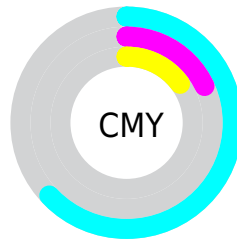
- Red (37%)
- Green (82%)
- Blue (85%)



- Red (37%)
- Yellow (60%)
- Blue (85%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)




- Cyan (63%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5544, 0.2397, 0.3165 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 52.5544, 0.2397, 0.3165 by changing the saturation by 10% instead.


 52.5544, 0.2397,
0.3165


 52.5544, 0.2397,
0.3165

396.5732, 0.2745,
0.3236


 37.4472, 0.2315,
0.3145


 93.9483, 0.2520,
0.3192


 25.5539, 0.2214,
0.3119


 121.0039, 0.2567,
0.3202

 16.4902, 0.2084,
0.3082


 152.8109, 0.2607,
0.3210

 9.8717, 0.1912,
0.3027

 189.7539, 0.2642,
0.3217

 5.3140, 0.1678,
0.2941

232.2172, 0.2673,
0.3223

 2.4326, 0.1343,
0.2791

280.5853, 0.2700,

 0.8426, 0.0260,

0.3228

0.2651

335.2425, 0.2724,
0.3232

0.0000, 0.0000,
0.0000

52.5544, 0.2397,
0.3165

52.5544, 0.2397,
0.3165

50.7741, 0.2317,
0.3140

54.6702, 0.2496,
0.3190

49.2957, 0.2256,
0.3114

57.1400, 0.2611,
0.3214

48.0890, 0.2214,
0.3089

59.9878, 0.2741,
0.3237

47.1136, 0.2189,
0.3065

63.2341, 0.2882,
0.3258

46.7765, 0.2182,
0.3055

66.8977, 0.3031,
0.3278

70.9961, 0.3186,
0.3297

75.5459, 0.3344,
0.3313

77.8841, 0.3401,
0.3329

78.7330, 0.3399,
0.3345

Harmonies

Analogous

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



52.5544, 0.2657, 0.3598



52.5544, 0.2397, 0.3165



52.5544, 0.2322, 0.2810

Triad

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



52.5544, 0.2397, 0.3165



52.5544, 0.3155, 0.2733



52.5544, 0.3838, 0.3966

Complementary

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



52.5544, 0.2397, 0.3165



25.4869, 0.4752, 0.3398

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.



52.5544, 0.4001, 0.3683



52.5544, 0.2397, 0.3165



52.5544, 0.3594, 0.2996

Square

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



52.5544, 0.2397, 0.3165



52.5544, 0.2736, 0.2595



52.5544, 0.3913, 0.3333



52.5544, 0.3486, 0.4083

Rectangle

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



52.5544, 0.2397, 0.3165



52.5544, 0.2381, 0.2661



52.5544, 0.3913, 0.3333



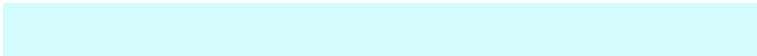
52.5544, 0.3918, 0.3885

Sweetspot

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



52.5564, 0.2397, 0.3165



90.6606, 0.2868, 0.3256



53.0442, 0.3005, 0.4982



19.1943, 0.2839, 0.3252



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.



52.5564, 0.2397, 0.3165



72.8484, 0.2307, 0.3136



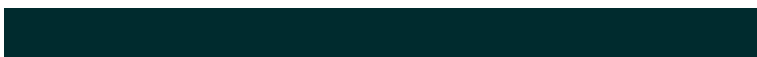
28.5891, 0.2206, 0.2267



14.6564, 0.2982, 0.3272



28.3834, 0.2183, 0.3059



1.8890, 0.2194, 0.3099

Inverse Universe

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



27.4968, 0.3285, 0.2048



34.0582, 0.3320, 0.1869



42.1834, 0.4278, 0.4102



13.2574, 0.3149, 0.3076



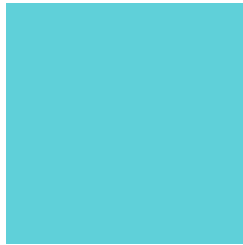
11.4891, 0.3403, 0.1648



0.7494, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 52.5544, 0.2397, 0.3165 looks on a white background.

Color Contrast Check

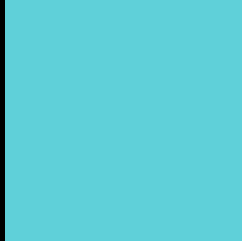
Large Text (above 18pt) WCAG AA × Fail

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 52.5544, 0.2397, 0.3165 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 52.5544, 0.2397, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 52.5544, 0.2397, 0.3165.

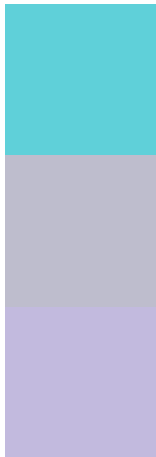


This preview shows how white text looks on a background with the Yxy color 52.5544, 0.2397, 0.3165.

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

52.5544, 0.2397, 0.3165

Protanopia

51.7501, 0.3016, 0.3093

Deuteranopia

51.8611, 0.2925, 0.2862



Tritanopia

52.6041, 0.2373, 0.3060

Trichromacy



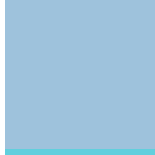
Original Color

52.5544, 0.2397, 0.3165



Protanomaly

51.0519, 0.2736, 0.3120



Deuteranomaly

51.0200, 0.2685, 0.2959



Tritanomaly

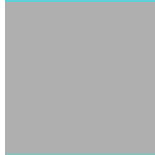
52.3875, 0.2383, 0.3098

Monochromacy



Original Color

52.5544, 0.2397, 0.3165



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

45.3693, 0.2786, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5544, 0.2397, 0.3165 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(95, 208, 217)` looks like.

```
.text, #text, p{  
    color:rgb(95, 208, 217)  
}
```

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(95, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 208, 217) }
```

Border

The CSS property to change the border of an element to Yxy 52.5544, 0.2397, 0.3165 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(95, 208, 217) }
```

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

```
.border{ border-color:rgb(95, 208, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(95, 208,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5544, 0.2397, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 208, 217) }
```

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

```
.background{ background-color: rgb(95, 208,  
217) }
```

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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