

Converting Colors

$Yxy(53.9464, 0.2475, 0.3078)$

Have a look what the booklet for
Yxy(53.9464, 0.2475, 0.3078)
contains.

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Color

Yxy(53.9464, 0.2475, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	78CFDF
RGB	120, 207, 223
RGB Percent	47%, 81%, 87%
CMY	0.5294, 0.1882, 0.1255
CMYK	0.46, 0.07, 0.00, 0.13
HSL	189°, 62%, 67%
HSV	189°, 46%, 87%
XYZ	43.3780, 53.9464, 77.9401
YIQ	182.8110, -56.9880, -13.4680

Conversions

Conversions Part 2

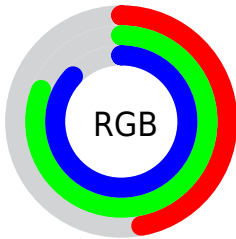
Format	Color
R_{YB}	120, 167, 223
Decimal	7917535
CIE _{Lab}	78.43, -22.07, -16.10
CIE _{LCh}	78, 27.316, 216.106
Yxy	53.9464, 0.2475, 0.3078
Android (android.graphics.Color)	4286107615 (0xFF78CFDF)
YUV	182.8110, 19.8132, -55.0852
Hunter-Lab	73.4482, -23.1136, -11.5023

Details

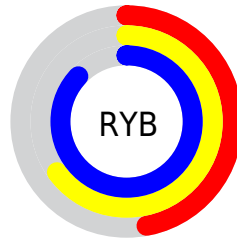
The Yxy color **53.9464, 0.2475, 0.3078** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.6541, 0.4284, 0.3483**, and the grayscale version is **47.1592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0871, 0.2686, 0.3289**, and **26.2757, 0.2310, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **50.8750, 0.2366, 0.3024**, and if you desaturate by 10%, it is **57.4300, 0.2599, 0.3130**.

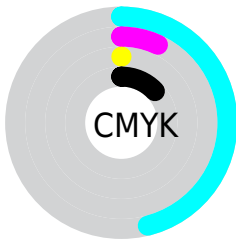
Distribution



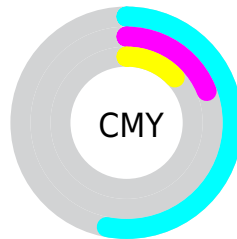
- Red (47%)
- Green (81%)
- Blue (87%)



- Red (47%)
- Yellow (65%)
- Blue (87%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)




- Cyan (53%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9464, 0.2475, 0.3078 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 53.9464, 0.2475, 0.3078 by changing the saturation by 10% instead.


 53.9464, 0.2475,
0.3078


 53.9464, 0.2475,
0.3078


401.9056, 0.2785,
0.3189


 38.5588, 0.2402,
0.3049


 95.9955, 0.2584,
0.3119

 26.4167, 0.2312,
0.3012


 123.4259, 0.2626,
0.3134

 17.1356, 0.2196,
0.2963


 155.6393, 0.2662,
0.3147

 10.3312, 0.2044,
0.2892

193.0201, 0.2693,
0.3158

 5.6191, 0.1835,
0.2787

235.9527, 0.2721,
0.3167

 2.6149, 0.1534,
0.2616

284.8216, 0.2745,

 0.9342, 0.0878,

0.3175

0.2354

340.0111, 0.2766,
0.3182

0.0000, 0.0000,
0.0000

53.9464, 0.2475,
0.3078

53.9464, 0.2475,
0.3078

50.8750, 0.2366,
0.3024

57.4300, 0.2599,
0.3130

48.1833, 0.2275,
0.2969

61.3434, 0.2735,
0.3178

45.8435, 0.2203,
0.2913

65.7107, 0.2880,
0.3224

43.8209, 0.2151,
0.2858

70.5522, 0.3032,
0.3266

42.0722, 0.2117,
0.2803

75.8869, 0.3186,
0.3304

■ 41.4490, 0.2106,
0.2782

■ 81.7326, 0.3342,
0.3338

■ 83.8813, 0.3346,
0.3373

■ 85.8426, 0.3341,
0.3407

■ 87.8425, 0.3337,
0.3441

Harmonies

Analogous

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



53.9464, 0.2645, 0.3424



53.9464, 0.2475, 0.3078



53.9464, 0.2468, 0.2820

Triad

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



53.9464, 0.2475, 0.3078



53.9464, 0.3282, 0.2888



53.9464, 0.3634, 0.3906

Complementary

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



53.9464, 0.2475, 0.3078



34.6541, 0.4284, 0.3483

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.



53.9464, 0.3828, 0.3716



53.9464, 0.2475, 0.3078



53.9464, 0.3622, 0.3139

Square

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



53.9464, 0.2475, 0.3078



53.9464, 0.2916, 0.2731



53.9464, 0.3826, 0.3436



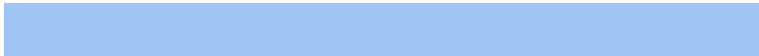
53.9464, 0.3308, 0.3929

Rectangle

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



53.9464, 0.2475, 0.3078



53.9464, 0.2555, 0.2725



53.9464, 0.3826, 0.3436



53.9464, 0.3717, 0.3858

Sweetspot

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



53.9485, 0.2475, 0.3078



90.3592, 0.2911, 0.3233



58.5327, 0.2978, 0.4522



19.0475, 0.2879, 0.3224



0.0000, 0.0000, 0.0000



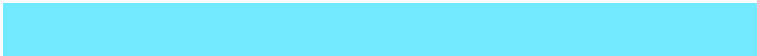
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9485, 0.2475, 0.3078



69.2465, 0.2374, 0.3029



33.1161, 0.2345, 0.2356



15.1906, 0.2982, 0.3253



24.5066, 0.2109, 0.2790



1.7977, 0.2132, 0.2875

Inverse Universe

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



33.6275, 0.3338, 0.2319



39.3599, 0.3392, 0.2151



52.5657, 0.3988, 0.4064



13.8971, 0.3161, 0.3094



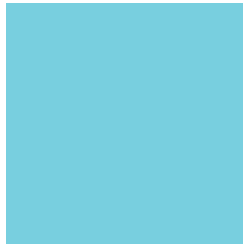
11.3820, 0.3644, 0.1781



0.7989, 0.3566, 0.1738

Previews

White Background



This preview shows how the Yxy color 53.9464, 0.2475, 0.3078 looks on a white background.

Color Contrast Check

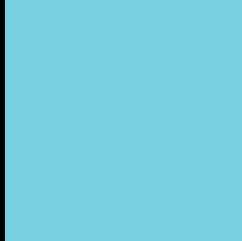
Large Text (above 18pt) WCAG AA × Fail

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 53.9464, 0.2475, 0.3078 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 53.9464, 0.2475, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 53.9464, 0.2475, 0.3078.



This preview shows how white text looks on a background with the Yxy color 53.9464, 0.2475, 0.3078.

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

53.9464, 0.2475, 0.3078

Protanopia

53.5797, 0.2966, 0.3036

Deuteranopia

53.1146, 0.2898, 0.2832



Tritanopia

54.0005, 0.2470, 0.3065

Trichromacy



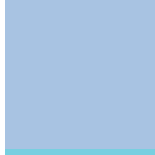
Original Color

53.9464, 0.2475, 0.3078



Protanomaly

52.9416, 0.2755, 0.3038



Deuteranomaly

52.8460, 0.2717, 0.2907



Tritanomaly

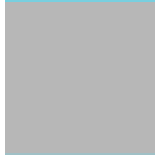
54.0005, 0.2470, 0.3065

Monochromacy



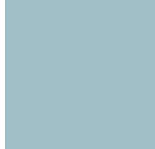
Original Color

53.9464, 0.2475, 0.3078



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.2501, 0.2838, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9464, 0.2475, 0.3078 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(120, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(120, 207, 223)  
}
```

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(120, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 207, 223) }
```

Border

The CSS property to change the border of an element to Yxy 53.9464, 0.2475, 0.3078 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(120, 207, 223) }
```

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

```
.border{ border-color:rgb(120, 207, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(120, 207,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9464, 0.2475, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 207, 223) }
```

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

```
.background{ background-color: rgb(120,  
207, 223) }
```

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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