

Converting Colors

$Y_{xy}(54.8998, 0.2498, 0.3099)$

Have a look what the booklet for
Yxy(54.8998, 0.2498, 0.3099)
contains.

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Color

Yxy(54.7245, 0.2497, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	7CD0DF
RGB	124, 208, 223
RGB Percent	49%, 82%, 87%
CMY	0.5139, 0.1843, 0.1256
CMYK	0.44, 0.07, 0.00, 0.13
HSL	189°, 61%, 68%
HSV	189°, 44%, 87%
XYZ	44.1795, 54.7245, 78.0262
YIQ	184.5940, -54.8790, -13.1430

Conversions

Conversions Part 2

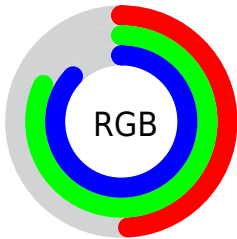
Format	Color
RYB	124, 169, 223
Decimal	8179935
CIELab	78.88, -21.66, -15.38
CIElCh	79, 26.568, 215.383
Yxy	54.7245, 0.2497, 0.3093
Android (android.graphics.Color)	4286370015 (0xFF7CD0DF)
YUV	184.5940, 18.9342, -53.1409
Hunter-Lab	73.9760, -22.8554, -10.7529

Details

The Yxy color **54.7245, 0.2497, 0.3093** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.5798, 0.4222, 0.3471**, and the grayscale version is **48.1897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **26.7679, 0.2337, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **51.6241, 0.2386, 0.3041**, and if you desaturate by 10%, it is **58.2395, 0.2623, 0.3143**.

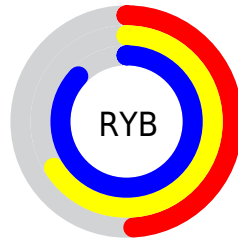
Distribution



Red (49%)

Green (82%)

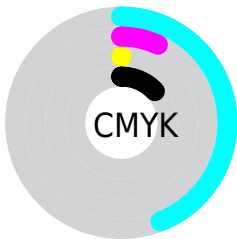
Blue (87%)



Red (49%)

Yellow (66%)

Blue (87%)

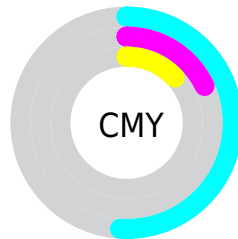


Cyan (44%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (51%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7245, 0.2497, 0.3093 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 54.7245, 0.2497, 0.3093 by changing the saturation by 10% instead.

■ 54.7245, 0.2497,
0.3093

■ 54.7245, 0.2497,
0.3093

■ 404.8668, 0.2796,
0.3196

■ 39.1812, 0.2427,
0.3067

■ 97.1372, 0.2602,
0.3131

■ 26.9007, 0.2340,
0.3032

■ 124.7754, 0.2643,
0.3145

■ 17.4987, 0.2228,
0.2986

■ 157.2139, 0.2678,
0.3157

■ 10.5907, 0.2081,
0.2921

■ 194.8373, 0.2708,
0.3167

■ 5.7923, 0.1879,
0.2824

■ 238.0299, 0.2734,
0.3176

■ 2.7192, 0.1588,
0.2665

■ 287.1761, 0.2757,

■ 0.9870, 0.0993,

0.3183

0.2415

342.6602, 0.2778,
0.3190

0.0000, 0.0000,
0.0000

54.7245, 0.2497,
0.3093

54.7245, 0.2497,
0.3093

51.6241, 0.2386,
0.3041

58.2395, 0.2623,
0.3143

48.9062, 0.2292,
0.2988

62.1862, 0.2760,
0.3190

46.5438, 0.2217,
0.2934

66.5883, 0.2907,
0.3233

44.5031, 0.2162,
0.2880

71.4660, 0.3059,
0.3273

42.7434, 0.2125,
0.2826

76.8378, 0.3214,
0.3310

■ 41.8441, 0.2110,
0.2797

■ 82.1976, 0.3350,
0.3343

■ 84.0717, 0.3345,
0.3376

■ 85.9821, 0.3341,
0.3409

■ 87.9291, 0.3337,
0.3442

Harmonies

Analogous

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



54.7245, 0.2666, 0.3428



54.7245, 0.2497, 0.3093



54.7245, 0.2486, 0.2840

Triad

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



54.7245, 0.2497, 0.3093



54.7245, 0.3269, 0.2895



54.7245, 0.3625, 0.3884

Complementary

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



54.7245, 0.2497, 0.3093



35.5798, 0.4222, 0.3471

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.



54.7245, 0.3808, 0.3698



54.7245, 0.2497, 0.3093



54.7245, 0.3599, 0.3138

Square

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



54.7245, 0.2497, 0.3093



54.7245, 0.2915, 0.2745



54.7245, 0.3801, 0.3426



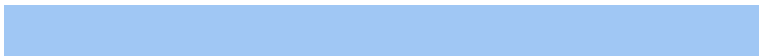
54.7245, 0.3312, 0.3909

Rectangle

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



54.7245, 0.2497, 0.3093



54.7245, 0.2568, 0.2745



54.7245, 0.3801, 0.3426



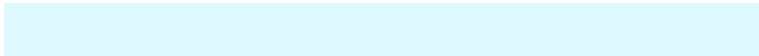
54.7245, 0.3704, 0.3837

Sweetspot

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



54.7266, 0.2497, 0.3093



91.0919, 0.2927, 0.3239



58.9015, 0.2982, 0.4466



19.1976, 0.2893, 0.3229



0.0000, 0.0000, 0.0000



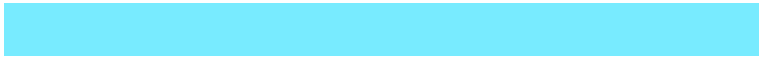
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7266, 0.2497, 0.3093



70.3792, 0.2397, 0.3046



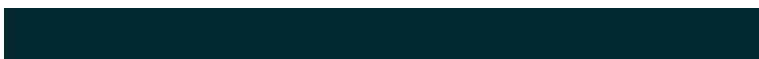
34.2722, 0.2377, 0.2399



15.2010, 0.2982, 0.3254



24.7437, 0.2112, 0.2805



1.8120, 0.2135, 0.2887

Inverse Universe

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



34.6436, 0.3324, 0.2350



40.6308, 0.3375, 0.2181



53.2405, 0.3950, 0.4035



13.8982, 0.3161, 0.3093



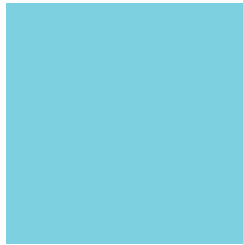
11.4059, 0.3630, 0.1774



0.8004, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 54.7245, 0.2497, 0.3093 looks on a white background.

Color Contrast Check

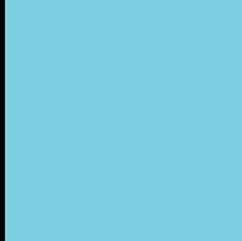
Large Text (above 18pt) WCAG AA × Fail

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 54.7245, 0.2497, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

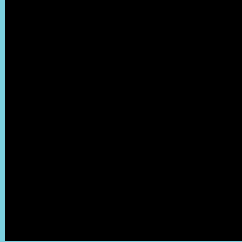
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7245, 0.2497, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 54.7245, 0.2497, 0.3093.



This preview shows how white text looks on a background with the Yxy color 54.7245, 0.2497, 0.3093.

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

54.7245, 0.2497, 0.3093

Protanopia

54.1505, 0.2974, 0.3049

Deuteranopia

54.2433, 0.2914, 0.2858



Tritanopia

54.8331, 0.2487, 0.3067

Trichromacy



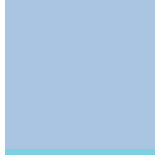
Original Color

54.7245, 0.2497, 0.3093



Protanomaly

53.6134, 0.2769, 0.3051



Deuteranomaly

53.9695, 0.2733, 0.2934



Tritanomaly

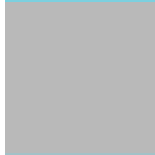
54.7787, 0.2492, 0.3080

Monochromacy



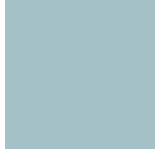
Original Color

54.7245, 0.2497, 0.3093



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.0500, 0.2854, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7245, 0.2497, 0.3093 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(124, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(124, 208, 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(124, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 54.7245, 0.2497, 0.3093 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(124, 208, 223) }
```

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

```
.border{ border-color:rgb(124, 208, 223) }
```

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

Here you see how a box with a 4 pixel rgb(124, 208, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(124, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7245, 0.2497, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 208, 223) }
```

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

```
.background{ background-color: rgb(124,  
208, 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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