

Converting Colors

$Y_{xy}(53.6345, 0.2551, 0.3217)$

Have a look what the booklet for
Yxy(53.6345, 0.2551, 0.3217)
contains.

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Color

Yxy(53.6642, 0.2552, 0.3222)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CCFD4 |
| RGB | 124, 207, 212 |
| RGB Percent | 49%, 81%, 83% |
| CMY | 0.5137, 0.1882, 0.1687 |
| CMYK | 0.42, 0.02, 0.00, 0.17 |
| HSL | 183°, 51%, 66% |
| HSV | 183°, 42%, 83% |
| XYZ | 42.5050, 53.6642, 70.3864 |
| YIQ | 182.7530, -51.0730, -16.0410 |

Conversions

Conversions Part 2

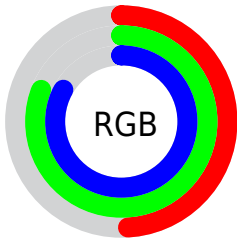
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 167, 212 |
| Decimal | 8179668 |
| CIELab | 78.27, -23.96, -10.40 |
| CIELCh | 78, 26.120, 203.473 |
| Yxy | 53.6642, 0.2552, 0.3222 |
| Android (android.graphics.Color) | 4286369748 (0xFF7CCFD4) |
| YUV | 182.7530, 14.4188, -51.5264 |
| Hunter-Lab | 73.2559, -24.6273, -5.6885 |

Details

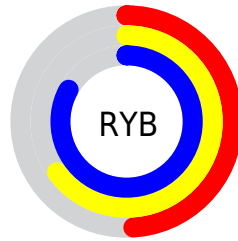
The Yxy color **53.6642, 0.2552, 0.3222** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.1385, 0.4162, 0.3355**, and the grayscale version is **47.1518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **26.0841, 0.2405, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **51.6757, 0.2447, 0.3203**, and if you desaturate by 10%, it is **56.0007, 0.2673, 0.3240**.

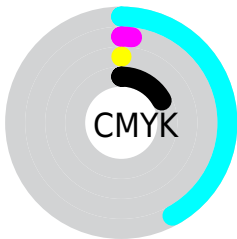
Distribution



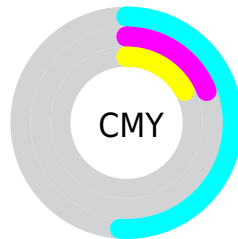
- Red (49%)
- Green (81%)
- Blue (83%)



- Red (49%)
- Yellow (65%)
- Blue (83%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)




- Cyan (51%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6642, 0.2552, 0.3222 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 53.6642, 0.2552, 0.3222 by changing the saturation by 10% instead.

 53.6642, 0.2552,
0.3222

 53.6642, 0.2552,
0.3222

400.8282, 0.2828,
0.3261

 38.3333, 0.2487,
0.3211

 95.5810, 0.2649,
0.3237

 26.2414, 0.2405,
0.3196


 122.9357, 0.2687,
0.3243

 17.0044, 0.2300,
0.3175

 155.0671, 0.2719,
0.3247

 10.2376, 0.2160,
0.3143

192.3595, 0.2746,
0.3251

 5.5568, 0.1966,
0.3093

235.1975, 0.2770,
0.3254

 2.5775, 0.1678,
0.3003

283.9653, 0.2792,

 0.9154, 0.0907,

0.3257

0.2915

339.0474, 0.2811,
0.3259

0.0000, 0.0000,
0.0000

53.6642, 0.2552,
0.3222

53.6642, 0.2552,
0.3222

51.6757, 0.2447,
0.3203

56.0007, 0.2673,
0.3240

50.0069, 0.2360,
0.3184

58.6990, 0.2807,
0.3257

48.6354, 0.2292,
0.3165

61.7796, 0.2952,
0.3273

47.5331, 0.2244,
0.3146

65.2596, 0.3104,
0.3288


46.6663, 0.2213,
0.3127

69.1553, 0.3261,
0.3301

 46.0652, 0.2198,
0.3112

 73.4818, 0.3419,
0.3314

 74.8076, 0.3446,
0.3326

 75.4205, 0.3444,
0.3338

 76.0379, 0.3442,
0.3350

Harmonies

Analogous

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



53.6642, 0.2775, 0.3559



53.6642, 0.2552, 0.3222



53.6642, 0.2477, 0.2930

Triad

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



53.6642, 0.2552, 0.3222



53.6642, 0.3125, 0.2827



53.6642, 0.3711, 0.3820

Complementary

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



53.6642, 0.2552, 0.3222



31.1385, 0.4162, 0.3355

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.



53.6642, 0.3823, 0.3593



53.6642, 0.2552, 0.3222



53.6642, 0.3474, 0.3036

Square

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



53.6642, 0.2552, 0.3222



53.6642, 0.2794, 0.2725



53.6642, 0.3736, 0.3310



53.6642, 0.3443, 0.3915

Rectangle

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



53.6642, 0.2552, 0.3222



53.6642, 0.2517, 0.2799



53.6642, 0.3736, 0.3310



53.6642, 0.3769, 0.3756

Sweetspot

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



53.6663, 0.2552, 0.3222



93.5544, 0.2942, 0.3272



52.9271, 0.3042, 0.4501



19.8860, 0.2923, 0.3270



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.



53.6663, 0.2552, 0.3222



78.7851, 0.2457, 0.3205



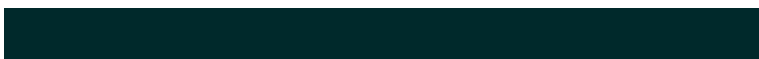
35.4398, 0.2452, 0.2602



13.9822, 0.2983, 0.3276



28.4970, 0.2198, 0.3114



1.7562, 0.2207, 0.3146

Inverse Universe

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



32.9128, 0.3223, 0.2326



43.3334, 0.3247, 0.2138



45.0993, 0.3929, 0.3885



12.6200, 0.3146, 0.3073



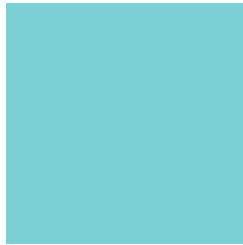
11.2216, 0.3355, 0.1622



0.6806, 0.3327, 0.1607

Previews

White Background



This preview shows how the Yxy color 53.6642, 0.2552, 0.3222 looks on a white background.

Color Contrast Check

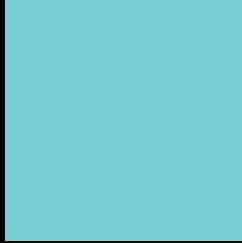
Large Text (above 18pt) WCAG AA × Fail

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 53.6642, 0.2552, 0.3222 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 53.6642, 0.2552, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 53.6642, 0.2552, 0.3222.

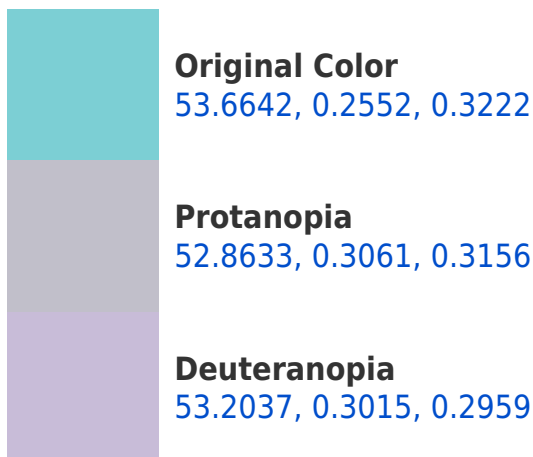


This preview shows how white text looks on a background with the Yxy color 53.6642, 0.2552, 0.3222.

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





Tritanopia

53.4486, 0.2511, 0.3066

Trichromacy



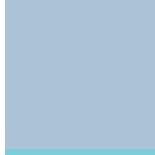
Original Color

53.6642, 0.2552, 0.3222



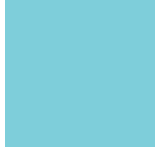
Protanomaly

52.7136, 0.2846, 0.3175



Deuteranomaly

52.7072, 0.2814, 0.3040



Tritanomaly

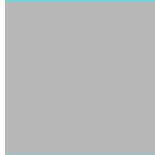
53.6402, 0.2528, 0.3130

Monochromacy



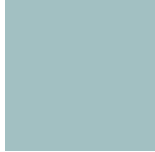
Original Color

53.6642, 0.2552, 0.3222



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.2757, 0.2880, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6642, 0.2552, 0.3222 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, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(124, 207, 212)  
}
```

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, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 53.6642, 0.2552, 0.3222 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, 207, 212) }
```

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

```
.border{ border-color:rgb(124, 207, 212) }
```

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

Here you see how a box with a 4 pixel rgb(124, 207, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(124, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6642, 0.2552, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 207, 212) }
```

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

```
.background{ background-color: rgb(124,  
207, 212) }
```

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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