

Converting Colors

Yxy(53.9481, 0.2548, 0.3334)

Have a look what the booklet for
Yxy(53.9481, 0.2548, 0.3334)
contains.

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Color

Yxy(53.7702, 0.2547, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	74D1CE
RGB	116, 209, 206
RGB Percent	45%, 82%, 81%
CMY	0.5453, 0.1804, 0.1921
CMYK	0.45, 0.00, 0.01, 0.18
HSL	178°, 50%, 64%
HSV	178°, 45%, 82%
XYZ	41.1393, 53.7702, 66.6111
YIQ	180.8510, -54.4650, -20.6490

Conversions

Conversions Part 2

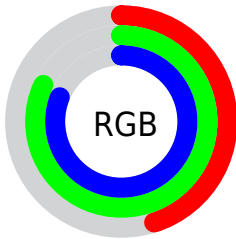
Format	Color
R_{YB}	116, 163, 209
Decimal	7655886
CIE _{Lab}	78.33, -28.37, -7.15
CIE _{LCh}	78, 29.253, 194.145
Yxy	53.7702, 0.2547, 0.3329
Android (android.graphics.Color)	4285845966 (0xFF74D1CE)
YUV	180.8510, 12.3985, -56.8743
Hunter-Lab	73.3282, -28.1805, -2.5291

Details

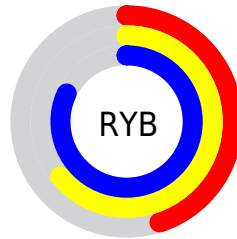
The Yxy color **53.7702, 0.2547, 0.3329** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.3663, 0.4267, 0.3256**, and the grayscale version is **46.0725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **26.2481, 0.2396, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **52.4656, 0.2456, 0.3339**, and if you desaturate by 10%, it is **55.4013, 0.2655, 0.3319**.

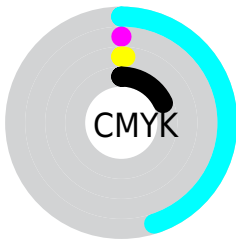
Distribution



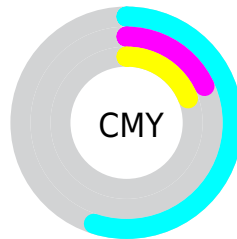
- Red (45%)
- Green (82%)
- Blue (81%)



- Red (45%)
- Yellow (64%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)




- Cyan (55%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7702, 0.2547, 0.3329 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 53.7702, 0.2547, 0.3329 by changing the saturation by 10% instead.

 53.7702, 0.2547,
0.3329


 53.7702, 0.2547,
0.3329


401.2331, 0.2826,
0.3315


 38.4180, 0.2481,
0.3331

 95.7368, 0.2646,
0.3325

 26.3072, 0.2398,
0.3332


 123.1199, 0.2683,
0.3324

 17.0536, 0.2291,
0.3332


 155.2821, 0.2716,
0.3322

 10.2727, 0.2149,
0.3330

192.6077, 0.2744,
0.3320

 5.5802, 0.1949,
0.3321

235.4813, 0.2768,
0.3319

 2.5915, 0.1654,
0.3295

284.2871, 0.2789,

 0.9224, 0.0677,

0.3318

0.3396

339.4096, 0.2809,
0.3317

0.0000, 0.0000,
0.0000

53.7702, 0.2547,
0.3329

53.7702, 0.2547,
0.3329

52.4656, 0.2456,
0.3339

55.4013, 0.2655,
0.3319

51.4594, 0.2384,
0.3350

57.3724, 0.2779,
0.3310

50.7289, 0.2330,
0.3360


59.7038, 0.2914,
0.3301


50.2457, 0.2296,
0.3371


62.4126, 0.3059,
0.3293


49.9752, 0.2279,
0.3381

65.5146, 0.3211,
0.3286

 49.8835, 0.2274,
0.3387

 69.0248, 0.3366,
0.3280

 71.5552, 0.3466,
0.3274

 71.5890, 0.3461,
0.3267

 71.6229, 0.3456,
0.3260

Harmonies

Analogous

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



53.7702, 0.2836, 0.3700



53.7702, 0.2547, 0.3329



53.7702, 0.2411, 0.2974

Triad

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



53.7702, 0.2547, 0.3329



53.7702, 0.3001, 0.2726



53.7702, 0.3841, 0.3812

Complementary

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



53.7702, 0.2547, 0.3329



27.3663, 0.4267, 0.3256

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.



53.7702, 0.3900, 0.3528



53.7702, 0.2547, 0.3329



53.7702, 0.3398, 0.2925

Square

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



53.7702, 0.2547, 0.3329



53.7702, 0.2660, 0.2656



53.7702, 0.3735, 0.3210



53.7702, 0.3585, 0.3978

Rectangle

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



53.7702, 0.2547, 0.3329



53.7702, 0.2419, 0.2800



53.7702, 0.3735, 0.3210



53.7702, 0.3885, 0.3726

Sweetspot

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



53.7723, 0.2547, 0.3329



94.1774, 0.2934, 0.3300



50.7912, 0.3082, 0.4664



19.9684, 0.2902, 0.3302



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.



53.7723, 0.2547, 0.3329



82.4453, 0.2464, 0.3338



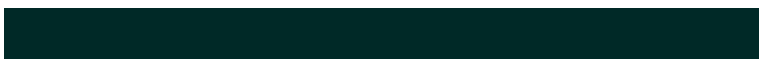
35.4339, 0.2423, 0.2661



13.4002, 0.2987, 0.3297



30.7563, 0.2274, 0.3385



1.7218, 0.2268, 0.3366

Inverse Universe

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



27.3663, 0.4267, 0.3256



36.1172, 0.4644, 0.3251



39.7428, 0.4044, 0.3835



11.8143, 0.3286, 0.3283



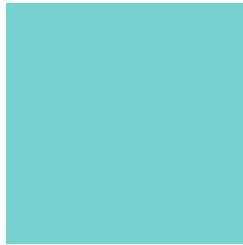
8.3697, 0.6363, 0.3279



0.4702, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 53.7702, 0.2547, 0.3329 looks on a white background.

Color Contrast Check

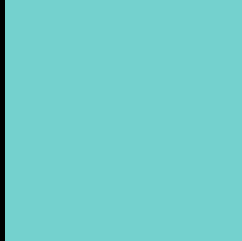
Large Text (above 18pt) WCAG AA × Fail

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 53.7702, 0.2547, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

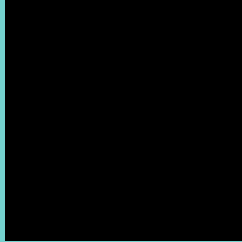
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

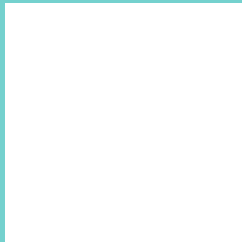
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7702, 0.2547, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 53.7702, 0.2547, 0.3329.

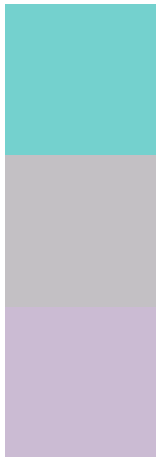


This preview shows how white text looks on a background with the Yxy color 53.7702, 0.2547, 0.3329.

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

53.7702, 0.2547, 0.3329

Protanopia

53.2869, 0.3121, 0.3241

Deuteranopia

52.9403, 0.3076, 0.3006



Tritanopia

53.5353, 0.2477, 0.3065

Trichromacy



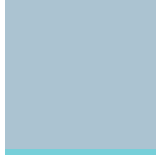
Original Color

53.7702, 0.2547, 0.3329



Protanomaly

52.6653, 0.2872, 0.3263



Deuteranomaly

52.2916, 0.2846, 0.3113



Tritanomaly

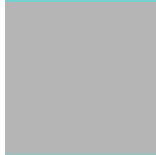
53.5573, 0.2500, 0.3155

Monochromacy



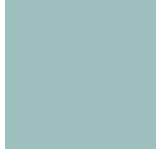
Original Color

53.7702, 0.2547, 0.3329



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.1474, 0.2869, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7702, 0.2547, 0.3329 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(116, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(116, 209, 206)  
}
```

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(116, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 209, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.7702, 0.2547, 0.3329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

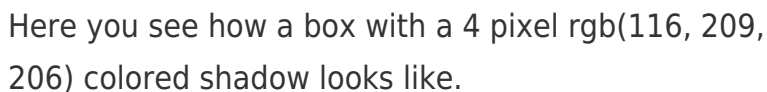
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 209, 206) }
```

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

```
.border{ border-color:rgb(116, 209, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 209, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 209, 206); box-shadow:4px 4px 4px 4px rgb(116, 209, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7702, 0.2547, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 209, 206) }
```

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

```
.background{ background-color: rgb(116,  
209, 206) }
```

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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