

Converting Colors

$Yxy(53.0169, 0.2704, 0.3595)$

Have a look what the booklet for
Yxy(53.0169, 0.2704, 0.3595)
contains.

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Color

Yxy(53.0169, 0.2704, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	7DD0BA
RGB	125, 208, 186
RGB Percent	49%, 82%, 73%
CMY	0.5097, 0.1843, 0.2706
CMYK	0.40, 0.00, 0.11, 0.18
HSL	164°, 47%, 65%
HSV	164°, 40%, 82%
XYZ	39.8770, 53.0169, 54.5801
YIQ	180.6750, -42.4060, -24.4380

Conversions

Conversions Part 2

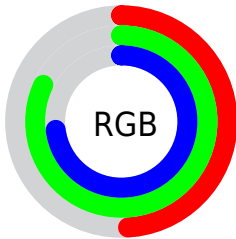
Format	Color
RYB	125, 173, 208
Decimal	8245434
CIELab	77.88, -30.37, 3.00
CIELCh	78, 30.514, 174.366
Yxy	53.0169, 0.2704, 0.3595
Android (android.graphics.Color)	4286435514 (0xFF7DD0BA)
YUV	180.6750, 2.6252, -48.8270
Hunter-Lab	72.8127, -29.6640, 6.5253

Details

The Yxy color **53.0169, 0.2704, 0.3595** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.1894, 0.3854, 0.3012**, and the grayscale version is **46.0292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7546, 0.2769, 0.3431**, and **25.7780, 0.2588, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **51.3837, 0.2624, 0.3686**, and if you desaturate by 10%, it is **54.9913, 0.2797, 0.3509**.

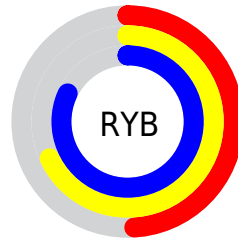
Distribution



Red (49%)

Green (82%)

Blue (73%)



Red (49%)

Yellow (68%)

Blue (82%)

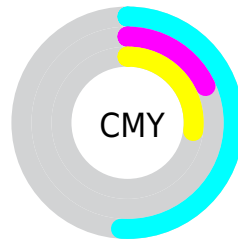


Cyan (40%)

Magenta (0%)

Yellow (11%)

Black (18%)



Cyan (51%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0169, 0.2704, 0.3595 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 53.0169, 0.2704, 0.3595 by changing the saturation by 10% instead.

 53.0169, 0.2704,
0.3595


 53.0169, 0.2704,
0.3595


398.3500, 0.2911,
0.3444

 37.8163, 0.2654,
0.3632


 94.6292, 0.2778,
0.3540

 25.8401, 0.2589,
0.3680

 121.8097, 0.2807,
0.3520

 16.7041, 0.2506,
0.3743


 153.7523, 0.2831,
0.3502

 10.0237, 0.2391,
0.3830

190.8413, 0.2851,
0.3487

 5.4147, 0.2225,
0.3958

233.4612, 0.2869,
0.3474

 2.4926, 0.1966,
0.4163

281.9963, 0.2885,

 0.8729, 0.0519,

0.3463

0.5128

336.8311, 0.2899,
0.3453

0.0000, 0.0000,
0.0000

53.0169, 0.2704,
0.3595

53.0169, 0.2704,
0.3595

51.3837, 0.2624,
0.3686

54.9913, 0.2797,
0.3509

50.0644, 0.2561,
0.3782

57.3193, 0.2901,
0.3429

49.0383, 0.2515,
0.3881

60.0206, 0.3012,
0.3356

48.2789, 0.2490,
0.3980

63.1115, 0.3128,
0.3289

47.7552, 0.2484,
0.4080

66.6075, 0.3247,
0.3230

■ 47.4106, 0.2494,
0.4179

■ 70.5229, 0.3366,
0.3177

■ 47.4073, 0.2494,
0.4180

■ 71.7880, 0.3364,
0.3123

■ 72.0933, 0.3324,
0.3068

■ 72.4085, 0.3284,
0.3015

Harmonies

Analogous

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



53.0169, 0.3078, 0.3915



53.0169, 0.2704, 0.3595



53.0169, 0.2452, 0.3194

Triad

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



53.0169, 0.2704, 0.3595



53.0169, 0.2747, 0.2636



53.0169, 0.3943, 0.3646

Complementary

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



53.0169, 0.2704, 0.3595



30.1894, 0.3854, 0.3012

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.



53.0169, 0.3849, 0.3318



53.0169, 0.2704, 0.3595



53.0169, 0.3135, 0.2759

Square

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



53.0169, 0.2704, 0.3595



53.0169, 0.2477, 0.2664



53.0169, 0.3545, 0.3002



53.0169, 0.3802, 0.3913

Rectangle

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



53.0169, 0.2704, 0.3595



53.0169, 0.2379, 0.2955



53.0169, 0.3545, 0.3002



53.0169, 0.3938, 0.3540

Sweetspot

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



53.0190, 0.2704, 0.3595



94.1395, 0.2987, 0.3372



52.8107, 0.3228, 0.4449



20.0250, 0.2972, 0.3381



0.0000, 0.0000, 0.0000



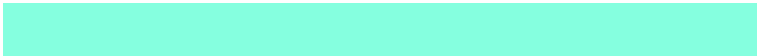
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0190, 0.2704, 0.3595



81.7767, 0.2634, 0.3674



45.1557, 0.2539, 0.3020



13.3513, 0.3018, 0.3352



29.5628, 0.2491, 0.4166



1.6657, 0.2440, 0.3985

Inverse Universe

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



30.1894, 0.3854, 0.3012



40.6447, 0.4099, 0.2956



34.9534, 0.4025, 0.3539



11.8590, 0.3249, 0.3229



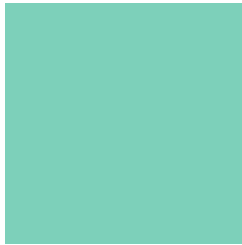
8.5445, 0.5865, 0.3004



0.4911, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 53.0169, 0.2704, 0.3595 looks on a white background.

Color Contrast Check

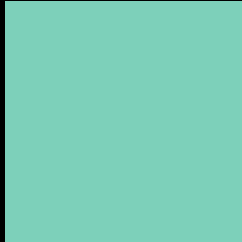
Large Text (above 18pt) WCAG AA × Fail

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 53.0169, 0.2704, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

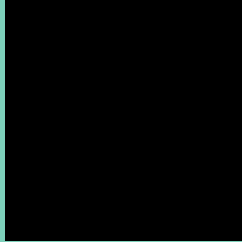
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

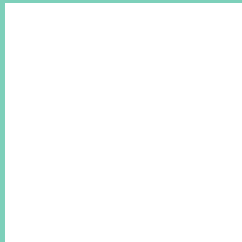
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0169, 0.2704, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 53.0169, 0.2704, 0.3595.



This preview shows how white text looks on a background with the Yxy color 53.0169, 0.2704, 0.3595.

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

53.0169, 0.2704, 0.3595

Protanopia

52.4417, 0.3293, 0.3464

Deuteranopia

52.1611, 0.3291, 0.3219



Tritanopia

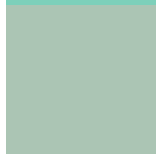
52.8129, 0.2554, 0.3079

Trichromacy



Original Color

53.0169, 0.2704, 0.3595



Protanomaly

51.8857, 0.3046, 0.3513



Deuteranomaly

51.3978, 0.3045, 0.3341



Tritanomaly

52.9135, 0.2607, 0.3262

Monochromacy



Original Color

53.0169, 0.2704, 0.3595



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.2576, 0.2948, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0169, 0.2704, 0.3595 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(125, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 208, 186)  
}
```

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(125, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 208, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.0169, 0.2704, 0.3595 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(125, 208, 186) }
```

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

```
.border{ border-color:rgb(125, 208, 186) }
```

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

Here you see how a box with a 4 pixel rgb(125, 208, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 208, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 208, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 208,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0169, 0.2704, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 208, 186) }
```

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

```
.background{ background-color: rgb(125,  
208, 186) }
```

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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