

Converting Colors

$Yxy(53.8375, 0.2632, 0.3548)$

Have a look what the booklet for
Yxy(53.8375, 0.2632, 0.3548)
contains.

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Color

Yxy(53.6809, 0.2630, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	75D2C0
RGB	117, 210, 192
RGB Percent	46%, 82%, 75%
CMY	0.5410, 0.1765, 0.2470
CMYK	0.44, 0.00, 0.09, 0.18
HSL	168°, 51%, 64%
HSV	168°, 44%, 82%
XYZ	39.9041, 53.6809, 58.1417
YIQ	180.1410, -49.6500, -25.3140

Conversions

Conversions Part 2

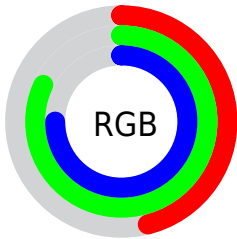
Format	Color
RYB	117, 168, 210
Decimal	7721664
CIELab	78.28, -31.96, 0.29
CIELCh	78, 31.966, 179.488
Yxy	53.6809, 0.2630, 0.3538
Android (android.graphics.Color)	4285911744 (0xFF75D2C0)
YUV	180.1410, 5.8465, -55.3747
Hunter-Lab	73.2673, -30.9998, 4.2371

Details

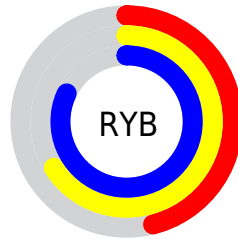
The Yxy color **53.6809, 0.2630, 0.3538** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.1853, 0.4061, 0.3067**, and the grayscale version is **45.7175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2960, 0.2705, 0.3365**, and **26.2674, 0.2498, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **52.2096, 0.2551, 0.3605**, and if you desaturate by 10%, it is **55.4877, 0.2725, 0.3475**.

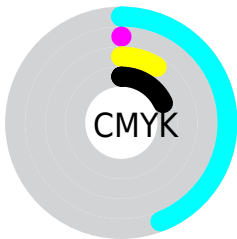
Distribution



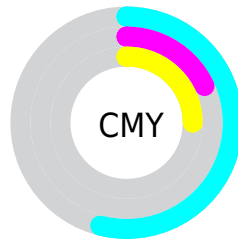
- Red (46%)
- Green (82%)
- Blue (75%)



- Red (46%)
- Yellow (66%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (54%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6809, 0.2630, 0.3538 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 53.6809, 0.2630, 0.3538 by changing the saturation by 10% instead.


 53.6809, 0.2630,
0.3538

 53.6809, 0.2630,
0.3538


400.8920, 0.2872,
0.3417


 38.3466, 0.2572,
0.3567


 95.6056, 0.2716,
0.3495

 26.2518, 0.2498,
0.3604


 122.9647, 0.2749,
0.3479

 17.0121, 0.2403,
0.3652


 155.1009, 0.2777,
0.3465

 10.2431, 0.2273,
0.3717

192.3986, 0.2801,
0.3453

 5.5605, 0.2089,
0.3809

235.2422, 0.2822,
0.3442

 2.5797, 0.1808,
0.3952

284.0160, 0.2841,

 0.9165, 0.0456,

0.3433

0.4618

339.1045, 0.2857,
0.3425

0.0000, 0.0000,
0.0000

53.6809, 0.2630,
0.3538

53.6809, 0.2630,
0.3538

52.2096, 0.2551,
0.3605

55.4877, 0.2725,
0.3475

51.0454, 0.2489,
0.3673

57.6437, 0.2832,
0.3415

50.1654, 0.2447,
0.3743


60.1694, 0.2949,
0.3360


49.5410, 0.2424,
0.3814

63.0821, 0.3073,
0.3310

49.1373, 0.2420,
0.3884


66.3978, 0.3201,
0.3264

 48.9701, 0.2423,
0.3924

 70.1317, 0.3331,
0.3224

 72.5416, 0.3392,
0.3185

 72.7599, 0.3363,
0.3144

 72.9835, 0.3333,
0.3104

Harmonies

Analogous

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



53.6809, 0.3003, 0.3900



53.6809, 0.2630, 0.3538



53.6809, 0.2397, 0.3120

Triad

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



53.6809, 0.2630, 0.3538



53.6809, 0.2793, 0.2622



53.6809, 0.3970, 0.3714

Complementary

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



53.6809, 0.2630, 0.3538



28.1853, 0.4061, 0.3067

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.



53.6809, 0.3915, 0.3377



53.6809, 0.2630, 0.3538



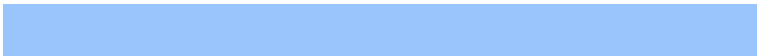
53.6809, 0.3209, 0.2773

Square

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



53.6809, 0.2630, 0.3538



53.6809, 0.2487, 0.2622



53.6809, 0.3629, 0.3042



53.6809, 0.3784, 0.3973

Rectangle

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



53.6809, 0.2630, 0.3538



53.6809, 0.2343, 0.2885



53.6809, 0.3629, 0.3042



53.6809, 0.3980, 0.3605

Sweetspot

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



53.6830, 0.2630, 0.3538



93.8400, 0.2962, 0.3354



52.5804, 0.3189, 0.4612



19.8843, 0.2935, 0.3366



0.0000, 0.0000, 0.0000



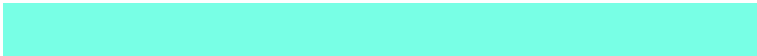
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6830, 0.2630, 0.3538



81.1523, 0.2556, 0.3600



41.9401, 0.2466, 0.2895



13.3663, 0.3008, 0.3335



29.8870, 0.2420, 0.3913



1.6814, 0.2385, 0.3785

Inverse Universe

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



28.1853, 0.4061, 0.3067



36.7315, 0.4378, 0.3027



35.2172, 0.4128, 0.3643



11.8451, 0.3261, 0.3245



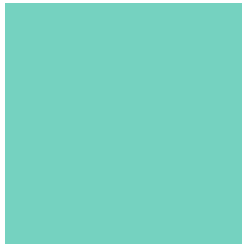
8.4650, 0.6078, 0.3122



0.4846, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 53.6809, 0.2630, 0.3538 looks on a white background.

Color Contrast Check

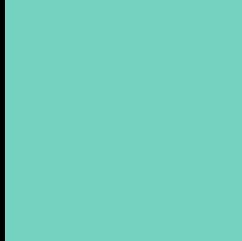
Large Text (above 18pt) WCAG AA × Fail

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 53.6809, 0.2630, 0.3538 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

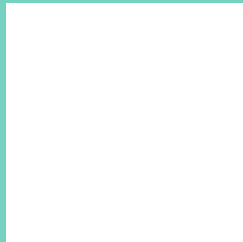
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6809, 0.2630, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 53.6809, 0.2630, 0.3538.

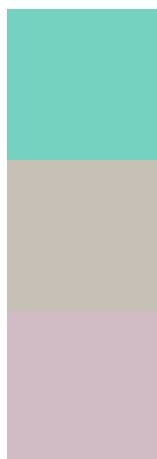


This preview shows how white text looks on a background with the Yxy color 53.6809, 0.2630, 0.3538.

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

53.6809, 0.2630, 0.3538

Protanopia

53.0824, 0.3253, 0.3414

Deuteranopia

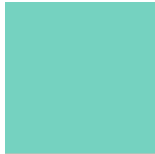
53.1272, 0.3233, 0.3172



Tritanopia

53.7765, 0.2503, 0.3079

Trichromacy



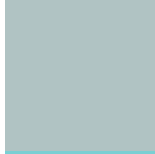
Original Color

53.6809, 0.2630, 0.3538



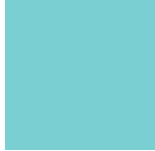
Protanomaly

52.8270, 0.2989, 0.3459



Deuteranomaly

52.2005, 0.2979, 0.3290



Tritanomaly

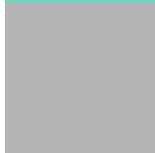
53.4664, 0.2547, 0.3235

Monochromacy



Original Color

53.6809, 0.2630, 0.3538



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.8904, 0.2911, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6809, 0.2630, 0.3538 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(117, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(117, 210, 192)  
}
```

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(117, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.6809, 0.2630, 0.3538 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(117, 210, 192) }
```

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

```
.border{ border-color:rgb(117, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(117, 210,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6809, 0.2630, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 210, 192) }
```

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

```
.background{ background-color: rgb(117,  
210, 192) }
```

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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