

Converting Colors

Yxy(53.7893, 0.2682, 0.3682)

Have a look what the booklet for
Yxy(53.7893, 0.2682, 0.3682)
contains.

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Color

Yxy(53.7893, 0.2682, 0.3682)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75D3B7 |
| RGB | 117, 211, 183 |
| RGB Percent | 46%, 83%, 72% |
| CMY | 0.5410, 0.1726, 0.2823 |
| CMYK | 0.45, 0.00, 0.13, 0.17 |
| HSL | 162°, 52%, 64% |
| HSV | 162°, 45%, 83% |
| XYZ | 39.1806, 53.7893, 53.1173 |
| YIQ | 179.7020, -47.0360, -28.6360 |

Conversions

Conversions Part 2

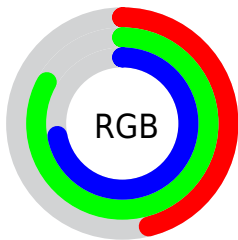
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 117, 172, 211 |
| Decimal | 7721911 |
| CIELab | 78.34, -34.51, 5.21 |
| CIELCh | 78, 34.905, 171.415 |
| Yxy | 53.7893, 0.2682, 0.3682 |
| Android (android.graphics.Color) | 4285911991 (0xFF75D3B7) |
| YUV | 179.7020, 1.6259, -54.9897 |
| Hunter-Lab | 73.3412, -32.9882, 8.3981 |

Details

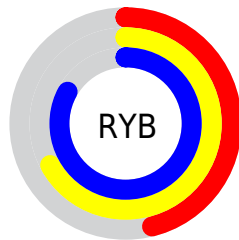
The Yxy color **53.7893, 0.2682, 0.3682** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **28.6242, 0.3942, 0.2943**, and the grayscale version is **45.4886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6362, 0.2743, 0.3466**, and **26.3493, 0.2562, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **52.2344, 0.2612, 0.3788**, and if you desaturate by 10%, it is **55.6896, 0.2766, 0.3581**.

Distribution



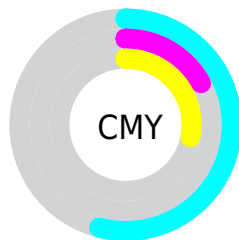
- Red (46%)
- Green (83%)
- Blue (72%)



- Red (46%)
- Yellow (67%)
- Blue (83%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)





- Cyan (54%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7893, 0.2682, 0.3682 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 53.7893, 0.2682, 0.3682 by changing the saturation by 10% instead.


 53.7893, 0.2682,
0.3682


 53.7893, 0.2682,
0.3682

401.3060, 0.2901,
0.3487

 38.4332, 0.2629,
0.3731


 95.7648, 0.2761,
0.3611

 26.3191, 0.2561,
0.3793


 123.1530, 0.2790,
0.3585

 17.0625, 0.2472,
0.3875


 155.3208, 0.2816,
0.3562

 10.2791, 0.2351,
0.3990

192.6524, 0.2837,
0.3543

 5.5844, 0.2175,
0.4160

235.5324, 0.2856,
0.3526

 2.5940, 0.1901,
0.4436

284.3451, 0.2873,

 0.9237, 0.0218,

0.3511

0.5775

339.4748, 0.2888,
0.3498

0.0000, 0.0000,
0.0000

53.7893, 0.2682,
0.3682

53.7893, 0.2682,
0.3682

52.2344, 0.2612,
0.3788

55.6896, 0.2766,
0.3581

50.9960, 0.2560,
0.3899

57.9492, 0.2862,
0.3488

50.0507, 0.2526,
0.4012


60.5893, 0.2966,
0.3401


49.3693, 0.2513,
0.4126


63.6272, 0.3076,
0.3323

48.9160, 0.2519,
0.4238


67.0794, 0.3189,
0.3252

 48.7306, 0.2528,
0.4299

 70.9613, 0.3303,
0.3189

 73.3949, 0.3343,
0.3130

 73.7484, 0.3298,
0.3068

 74.1148, 0.3253,
0.3007

Harmonies

Analogous

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



53.7893, 0.3113, 0.4033



53.7893, 0.2682, 0.3682



53.7893, 0.2384, 0.3220

Triad

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



53.7893, 0.2682, 0.3682



53.7893, 0.2658, 0.2549



53.7893, 0.4058, 0.3651

Complementary

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



53.7893, 0.2682, 0.3682



28.6242, 0.3942, 0.2943

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.



53.7893, 0.3925, 0.3279



53.7893, 0.2682, 0.3682



53.7893, 0.3086, 0.2672

Square

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



53.7893, 0.2682, 0.3682



53.7893, 0.2373, 0.2595



53.7893, 0.3558, 0.2932



53.7893, 0.3919, 0.3968

Rectangle

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



53.7893, 0.2682, 0.3682



53.7893, 0.2290, 0.2941



53.7893, 0.3558, 0.2932



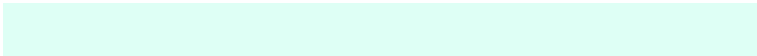
53.7893, 0.4044, 0.3529

Sweetspot

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



53.7915, 0.2682, 0.3682



93.6260, 0.2981, 0.3390



53.9134, 0.3257, 0.4594



19.8311, 0.2957, 0.3408



0.0000, 0.0000, 0.0000



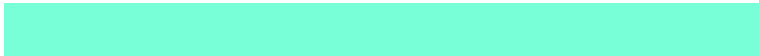
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7915, 0.2682, 0.3682



80.3949, 0.2618, 0.3778



46.2771, 0.2486, 0.3028



13.3446, 0.3022, 0.3360



29.4279, 0.2523, 0.4282



1.6590, 0.2466, 0.4077

Inverse Universe

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



28.6242, 0.3942, 0.2943



37.1991, 0.4205, 0.2881



32.6932, 0.4194, 0.3529



11.8654, 0.3244, 0.3221



8.5893, 0.5753, 0.2943



0.4942, 0.5222, 0.2650

Previews

White Background



This preview shows how the Yxy color 53.7893, 0.2682, 0.3682 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 53.7893, 0.2682, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

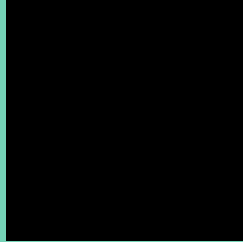
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

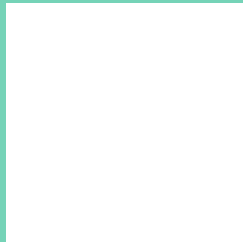
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7893, 0.2682, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 53.7893, 0.2682, 0.3682.

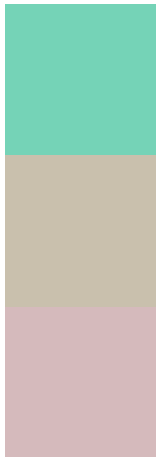


This preview shows how white text looks on a background with the Yxy color 53.7893, 0.2682, 0.3682.

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

53.7893, 0.2682, 0.3682

Protanopia

53.1339, 0.3349, 0.3525

Deuteranopia

52.8948, 0.3340, 0.3267



Tritanopia

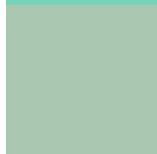
53.5258, 0.2516, 0.3066

Trichromacy



Original Color

53.7893, 0.2682, 0.3682



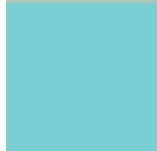
Protanomaly

52.5672, 0.3059, 0.3579



Deuteranomaly

52.0404, 0.3058, 0.3405



Tritanomaly

53.4648, 0.2573, 0.3275

Monochromacy



Original Color

53.7893, 0.2682, 0.3682



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.7659, 0.2932, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7893, 0.2682, 0.3682 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, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(117, 211, 183)  
}
```

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, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 211, 183) }
```

Border

The CSS property to change the border of an element to Yxy 53.7893, 0.2682, 0.3682 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, 211, 183) }
```

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

```
.border{ border-color:rgb(117, 211, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 211, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(117, 211,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7893, 0.2682, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 211, 183) }
```

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

```
.background{ background-color: rgb(117,  
211, 183) }
```

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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