

Converting Colors

$Yxy(53.7996, 0.2658, 0.3455)$

Have a look what the booklet for
Yxy(53.7996, 0.2658, 0.3455)
contains.

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Color

Yxy(53.6093, 0.2658, 0.3452)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FD0C4 |
| RGB | 127, 208, 196 |
| RGB Percent | 50%, 82%, 77% |
| CMY | 0.5018, 0.1843, 0.2313 |
| CMYK | 0.39, 0.00, 0.06, 0.18 |
| HSL | 171°, 46%, 66% |
| HSV | 171°, 39%, 82% |
| XYZ | 41.2785, 53.6093, 60.4114 |
| YIQ | 182.4130, -44.4240, -20.9040 |

Conversions

Conversions Part 2

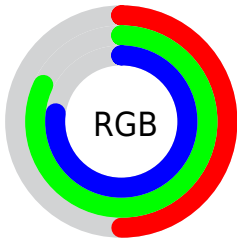
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 127, 171, 208 |
| Decimal | 8376516 |
| CIELab | 78.23, -27.53, -1.87 |
| CIELCh | 78, 27.597, 183.888 |
| Yxy | 53.6093, 0.2658, 0.3452 |
| Android (android.graphics.Color) | 4286566596 (0xFF7FD0C4) |
| YUV | 182.4130, 6.6984, -48.5972 |
| Hunter-Lab | 73.2184, -27.4987, 2.3335 |

Details

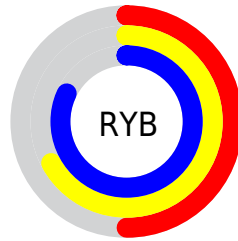
The Yxy color **53.6093, 0.2658, 0.3452** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.4630, 0.3944, 0.3140**, and the grayscale version is **47.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6791, 0.2726, 0.3310**, and **26.1132, 0.2537, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **52.0366, 0.2566, 0.3501**, and if you desaturate by 10%, it is **55.5188, 0.2764, 0.3406**.

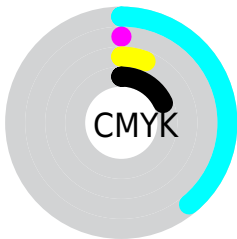
Distribution



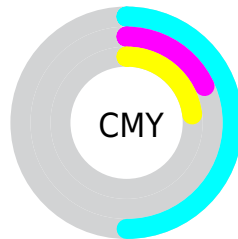
- Red (50%)
- Green (82%)
- Blue (77%)



- Red (50%)
- Yellow (67%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)





- Cyan (50%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6093, 0.2658, 0.3452 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 53.6093, 0.2658, 0.3452 by changing the saturation by 10% instead.

 53.6093, 0.2658,
0.3452

 53.6093, 0.2658,
0.3452


400.6184, 0.2885,
0.3375


 38.2894, 0.2603,
0.3470


 95.5003, 0.2739,
0.3425

 26.2074, 0.2535,
0.3493


 122.8403, 0.2770,
0.3414

 16.9788, 0.2445,
0.3522


 154.9557, 0.2796,
0.3405

 10.2194, 0.2324,
0.3561

192.2309, 0.2819,
0.3398

 5.5447, 0.2152,
0.3615

235.0504, 0.2839,
0.3391

 2.5702, 0.1889,
0.3694

283.7986, 0.2856,

 0.9117, 0.0868,

0.3385

0.4074

338.8598, 0.2872,
0.3379

0.0000, 0.0000,
0.0000

53.6093, 0.2658,
0.3452

53.6093, 0.2658,
0.3452

52.0366, 0.2566,
0.3501

55.5188, 0.2764,
0.3406

50.7739, 0.2492,
0.3552

57.7775, 0.2882,
0.3363

49.8005, 0.2436,
0.3604


60.4046, 0.3009,
0.3323

49.0907, 0.2399,
0.3656

63.4165, 0.3142,
0.3286


48.6141, 0.2381,
0.3708

66.8283, 0.3278,
0.3254


 48.3213, 0.2379,
0.3760

 70.6543, 0.3415,
0.3224

 48.2936, 0.2379,
0.3766

 71.4081, 0.3417,
0.3194

 71.5702, 0.3394,
0.3163

 71.7353, 0.3371,
0.3132

Harmonies

Analogous

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



53.6093, 0.2970, 0.3775



53.6093, 0.2658, 0.3452



53.6093, 0.2475, 0.3099

Triad

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



53.6093, 0.2658, 0.3452



53.6093, 0.2888, 0.2717



53.6093, 0.3844, 0.3702

Complementary

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



53.6093, 0.2658, 0.3452



30.4630, 0.3944, 0.3140

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.



53.6093, 0.3826, 0.3415



53.6093, 0.2658, 0.3452



53.6093, 0.3256, 0.2868

Square

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



53.6093, 0.2658, 0.3452



53.6093, 0.2601, 0.2699



53.6093, 0.3606, 0.3116



53.6093, 0.3660, 0.3904

Rectangle

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



53.6093, 0.2658, 0.3452



53.6093, 0.2443, 0.2905



53.6093, 0.3606, 0.3116



53.6093, 0.3862, 0.3612

Sweetspot

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



53.6114, 0.2658, 0.3452



94.3633, 0.2967, 0.3335



52.1478, 0.3157, 0.4441



20.0779, 0.2950, 0.3340



0.0000, 0.0000, 0.0000



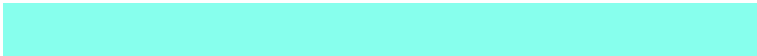
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6114, 0.2658, 0.3452



82.8142, 0.2578, 0.3494



41.5750, 0.2532, 0.2892



13.3758, 0.3002, 0.3324



30.1120, 0.2377, 0.3758



1.6921, 0.2351, 0.3663

Inverse Universe

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



30.4630, 0.3944, 0.3140



40.9254, 0.4229, 0.3109



38.5103, 0.3947, 0.3651



11.8363, 0.3268, 0.3256



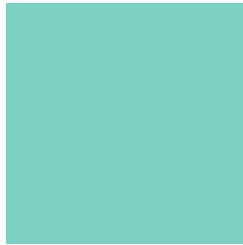
8.4275, 0.6186, 0.3181



0.4805, 0.5741, 0.2936

Previews

White Background



This preview shows how the Yxy color 53.6093, 0.2658, 0.3452 looks on a white background.

Color Contrast Check

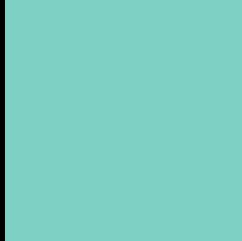
Large Text (above 18pt) WCAG AA × Fail

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 53.6093, 0.2658, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

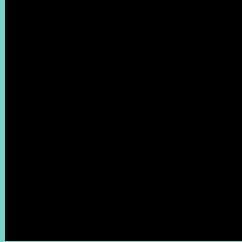
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

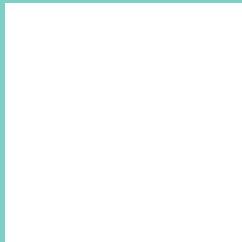
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6093, 0.2658, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 53.6093, 0.2658, 0.3452.

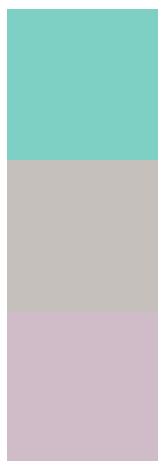


This preview shows how white text looks on a background with the Yxy color 53.6093, 0.2658, 0.3452.

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

53.6093, 0.2658, 0.3452

Protanopia

53.1574, 0.3206, 0.3352

Deuteranopia

53.1676, 0.3193, 0.3125



Tritanopia

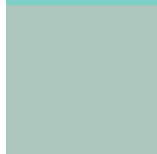
53.3927, 0.2546, 0.3067

Trichromacy



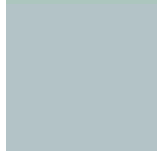
Original Color

53.6093, 0.2658, 0.3452



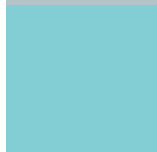
Protanomaly

52.8765, 0.2984, 0.3393



Deuteranomaly

52.7374, 0.2974, 0.3239



Tritanomaly

53.2414, 0.2585, 0.3196

Monochromacy



Original Color

53.6093, 0.2658, 0.3452



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.5308, 0.2928, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6093, 0.2658, 0.3452 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(127, 208, 196)` looks like.

```
.text, #text, p{  
    color:rgb(127, 208, 196)  
}
```

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(127, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 208, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.6093, 0.2658, 0.3452 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(127, 208, 196) }
```

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

```
.border{ border-color:rgb(127, 208, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 208, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(127, 208,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6093, 0.2658, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 208, 196) }
```

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

```
.background{ background-color: rgb(127,  
208, 196) }
```

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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