

Converting Colors

$Yxy(52.8894, 0.2687, 0.3592)$

Have a look what the booklet for
Yxy(52.8894, 0.2687, 0.3592)
contains.

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Color

Yxy(52.7945, 0.2687, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	7AD0BA
RGB	122, 208, 186
RGB Percent	48%, 82%, 73%
CMY	0.5214, 0.1843, 0.2705
CMYK	0.41, 0.00, 0.11, 0.18
HSL	165°, 48%, 65%
HSV	165°, 41%, 82%
XYZ	39.4491, 52.7945, 54.5710
YIQ	179.7780, -44.1940, -25.0740

Conversions

Conversions Part 2

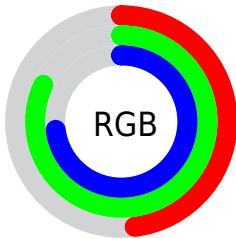
Format	Color
RYB	122, 171, 208
Decimal	8048826
CIELab	77.75, -31.14, 2.78
CIELCh	78, 31.267, 174.902
Yxy	52.7945, 0.2687, 0.3596
Android (android.graphics.Color)	4286238906 (0xFF7AD0BA)
YUV	179.7780, 3.0674, -50.6713
Hunter-Lab	72.6598, -30.2420, 6.3323

Details

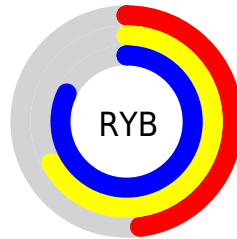
The Yxy color **52.7945, 0.2687, 0.3596** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.3516, 0.3902, 0.3013**, and the grayscale version is **45.5230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3958, 0.2754, 0.3431**, and **25.6342, 0.2564, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **51.2147, 0.2609, 0.3685**, and if you desaturate by 10%, it is **54.7119, 0.2779, 0.3512**.

Distribution



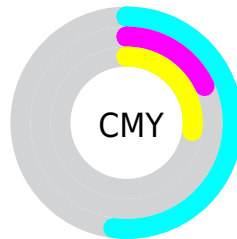
- Red (48%)
- Green (82%)
- Blue (73%)



- Red (48%)
- Yellow (67%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7945, 0.2687, 0.3596 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 52.7945, 0.2687, 0.3596 by changing the saturation by 10% instead.

 52.7945, 0.2687,
0.3596

 52.7945, 0.2687,
0.3596

397.4962, 0.2903,
0.3445


 37.6387, 0.2635,
0.3633


 94.3019, 0.2764,
0.3541

 25.7024, 0.2568,
0.3681


 121.4224, 0.2794,
0.3521

 16.6012, 0.2481,
0.3744


 153.2998, 0.2819,
0.3503

 9.9505, 0.2361,
0.3831

190.3187, 0.2840,
0.3488

 5.3662, 0.2190,
0.3959

232.8634, 0.2859,
0.3475

 2.4637, 0.1921,
0.4164

281.3183, 0.2875,

 0.8584, 0.0336,

0.3464

0.5189

336.0677, 0.2890,
0.3454

0.0000, 0.0000,
0.0000

52.7945, 0.2687,
0.3596

52.7945, 0.2687,
0.3596

51.2147, 0.2609,
0.3685

54.7119, 0.2779,
0.3512

49.9451, 0.2547,
0.3777

56.9798, 0.2883,
0.3435

48.9644, 0.2503,
0.3872

59.6178, 0.2995,
0.3363


48.2458, 0.2480,
0.3968

62.6426, 0.3111,
0.3298

47.7573, 0.2476,
0.4063


66.0695, 0.3231,
0.3240

 47.4706, 0.2485,
0.4146

 69.9132, 0.3351,
0.3188

 71.7121, 0.3374,
0.3137

 72.0040, 0.3335,
0.3084

 72.3051, 0.3297,
0.3032

Harmonies

Analogous

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



52.7945, 0.3069, 0.3928



52.7945, 0.2687, 0.3596



52.7945, 0.2432, 0.3183

Triad

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



52.7945, 0.2687, 0.3596



52.7945, 0.2743, 0.2621



52.7945, 0.3964, 0.3660

Complementary

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



52.7945, 0.2687, 0.3596



29.3516, 0.3902, 0.3013

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.



52.7945, 0.3872, 0.3324



52.7945, 0.2687, 0.3596



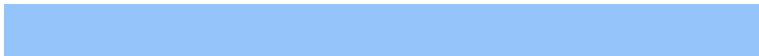
52.7945, 0.3142, 0.2750

Square

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



52.7945, 0.2687, 0.3596



52.7945, 0.2464, 0.2647



52.7945, 0.3563, 0.3000



52.7945, 0.3815, 0.3932

Rectangle

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



52.7945, 0.2687, 0.3596



52.7945, 0.2360, 0.2940



52.7945, 0.3563, 0.3000



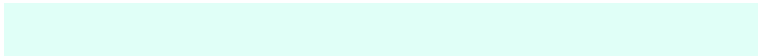
52.7945, 0.3961, 0.3551

Sweetspot

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



52.7966, 0.2687, 0.3596



94.1574, 0.2985, 0.3369



52.5328, 0.3230, 0.4496



20.0292, 0.2970, 0.3378



0.0000, 0.0000, 0.0000



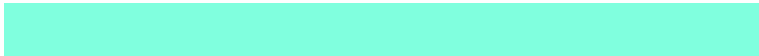
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7966, 0.2687, 0.3596



81.3653, 0.2614, 0.3678



44.6350, 0.2520, 0.3009



13.3533, 0.3017, 0.3350



29.6033, 0.2481, 0.4132



1.6677, 0.2433, 0.3958

Inverse Universe

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



29.3516, 0.3902, 0.3013



39.1102, 0.4176, 0.2956



34.1894, 0.4070, 0.3548



11.8572, 0.3251, 0.3231



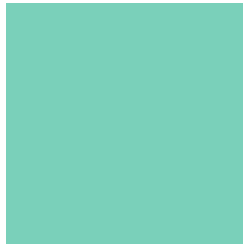
8.5326, 0.5895, 0.3021



0.4902, 0.5361, 0.2727

Previews

White Background



This preview shows how the Yxy color 52.7945, 0.2687, 0.3596 looks on a white background.

Color Contrast Check

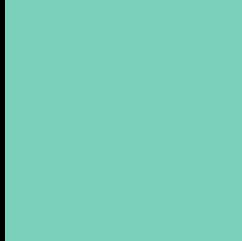
Large Text (above 18pt) WCAG AA × Fail

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 52.7945, 0.2687, 0.3596 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

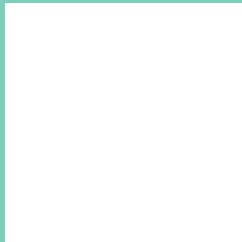
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7945, 0.2687, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 52.7945, 0.2687, 0.3596.



This preview shows how white text looks on a background with the Yxy color 52.7945, 0.2687, 0.3596.

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

52.7945, 0.2687, 0.3596

Protanopia

51.9673, 0.3303, 0.3464

Deuteranopia

52.1611, 0.3291, 0.3219



Tritanopia

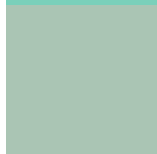
52.7045, 0.2538, 0.3066

Trichromacy



Original Color

52.7945, 0.2687, 0.3596



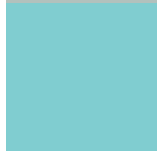
Protanomaly

51.7738, 0.3039, 0.3513



Deuteranomaly

51.2790, 0.3037, 0.3341



Tritanomaly

52.8059, 0.2591, 0.3248

Monochromacy



Original Color

52.7945, 0.2687, 0.3596



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.5752, 0.2940, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7945, 0.2687, 0.3596 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(122, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 208, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.7945, 0.2687, 0.3596 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(122, 208, 186) }
```

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

```
.border{ border-color:rgb(122, 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(122, 208, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 208, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 208, 186);  
box-shadow:4px 4px 4px 4px rgb(122, 208,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7945, 0.2687, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 208, 186) }
```

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

```
.background{ background-color: rgb(122,  
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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