

Converting Colors

$Yxy(52.6121, 0.2792, 0.3797)$

Have a look what the booklet for
Yxy(52.6121, 0.2792, 0.3797)
contains.

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Color

Yxy(52.5259, 0.2792, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	7ED0AC
RGB	126, 208, 172
RGB Percent	49%, 82%, 67%
CMY	0.5060, 0.1843, 0.3255
CMYK	0.39, 0.00, 0.17, 0.18
HSL	154°, 47%, 65%
HSV	154°, 39%, 82%
XYZ	38.6029, 52.5259, 47.1337
YIQ	179.3780, -37.3160, -28.5800

Conversions

Conversions Part 2

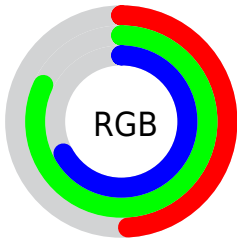
Format	Color
RYB	126, 179, 208
Decimal	8310956
CIELab	77.59, -33.14, 10.08
CIELCh	78, 34.641, 163.090
Yxy	52.5259, 0.2792, 0.3799
Android (android.graphics.Color)	4286501036 (0xFF7ED0AC)
YUV	179.3780, -3.6374, -46.8125
Hunter-Lab	72.4748, -31.7548, 12.1733

Details

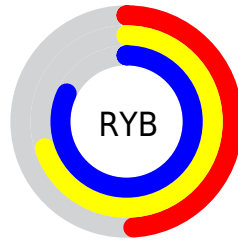
The Yxy color **52.5259, 0.2792, 0.3799** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.9329, 0.3670, 0.2839**, and the grayscale version is **45.3235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0111, 0.2851, 0.3599**, and **25.5162, 0.2696, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **50.7694, 0.2728, 0.3957**, and if you desaturate by 10%, it is **54.6395, 0.2868, 0.3652**.

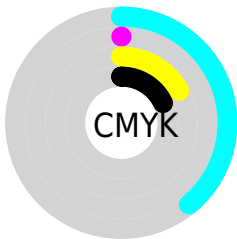
Distribution



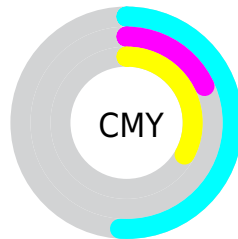
- Red (49%)
- Green (82%)
- Blue (67%)



- Red (49%)
- Yellow (70%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)





- Cyan (51%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5259, 0.2792, 0.3799 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 52.5259, 0.2792, 0.3799 by changing the saturation by 10% instead.


 52.5259, 0.2792,
0.3799

 52.5259, 0.2792,
0.3799

396.4635, 0.2960,
0.3541


 37.4244, 0.2750,
0.3865


 93.9064, 0.2853,
0.3704

 25.5363, 0.2696,
0.3949


 120.9542, 0.2876,
0.3669

 16.4771, 0.2624,
0.4063


 152.7528, 0.2896,
0.3639

 9.8624, 0.2523,
0.4224

189.6868, 0.2912,
0.3614

 5.3078, 0.2373,
0.4468

232.1405, 0.2927,
0.3592

 2.4290, 0.2126,
0.4879

280.4982, 0.2939,

 0.8407, 0.0000,

0.3573

0.7994

335.1444, 0.2950,
0.3556

0.0000, 0.0000,
0.0000

52.5259, 0.2792,
0.3799

52.5259, 0.2792,
0.3799

50.7694, 0.2728,
0.3957

54.6395, 0.2868,
0.3652

49.3425, 0.2678,
0.4122

57.1231, 0.2951,
0.3517

48.2240, 0.2646,
0.4293


59.9965, 0.3040,
0.3394


47.3876, 0.2634,
0.4466


63.2764, 0.3132,
0.3284


46.8018, 0.2642,
0.4635


66.9784, 0.3225,
0.3186

 46.4133, 0.2667,
0.4799

 71.1174, 0.3317,
0.3100

 46.3937, 0.2669,
0.4808

 72.4269, 0.3282,
0.3012

 72.9710, 0.3218,
0.2924

 73.5426, 0.3154,
0.2839

Harmonies

Analogous

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



52.5259, 0.3242, 0.4089



52.5259, 0.2792, 0.3799



52.5259, 0.2449, 0.3348

Triad

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



52.5259, 0.2792, 0.3799



52.5259, 0.2561, 0.2543



52.5259, 0.4049, 0.3549

Complementary

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



52.5259, 0.2792, 0.3799



30.9329, 0.3670, 0.2839

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.



52.5259, 0.3843, 0.3178



52.5259, 0.2792, 0.3799



52.5259, 0.2958, 0.2623

Square

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



52.5259, 0.2792, 0.3799



52.5259, 0.2326, 0.2640



52.5259, 0.3431, 0.2849



52.5259, 0.3983, 0.3891

Rectangle

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



52.5259, 0.2792, 0.3799



52.5259, 0.2318, 0.3051



52.5259, 0.3431, 0.2849



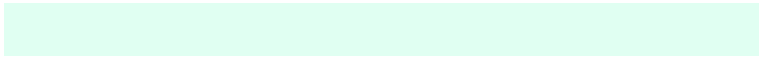
52.5259, 0.4010, 0.3425

Sweetspot

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



52.5280, 0.2792, 0.3799



93.8163, 0.3016, 0.3426



54.3963, 0.3343, 0.4392



19.9488, 0.3004, 0.3442



0.0000, 0.0000, 0.0000



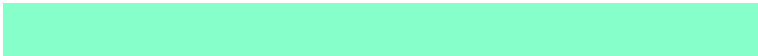
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5280, 0.2792, 0.3799



80.9665, 0.2739, 0.3926



52.1293, 0.2577, 0.3233



13.3158, 0.3041, 0.3394



28.9321, 0.2663, 0.4786



1.6335, 0.2579, 0.4483

Inverse Universe

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



30.9329, 0.3670, 0.2839



42.2500, 0.3837, 0.2749



30.9011, 0.4089, 0.3345



11.8932, 0.3223, 0.3188



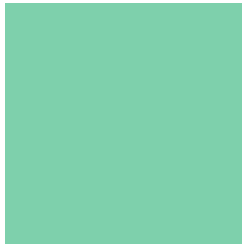
8.8504, 0.5201, 0.2639



0.5107, 0.4745, 0.2388

Previews

White Background



This preview shows how the Yxy color 52.5259, 0.2792, 0.3799 looks on a white background.

Color Contrast Check

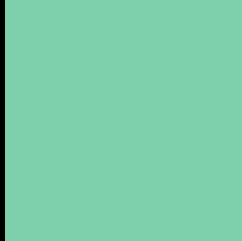
Large Text (above 18pt) WCAG AA × Fail

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 52.5259, 0.2792, 0.3799 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 52.5259, 0.2792, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 52.5259, 0.2792, 0.3799.



This preview shows how white text looks on a background with the Yxy color 52.5259, 0.2792, 0.3799.

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

52.5259, 0.2792, 0.3799

Protanopia

51.8888, 0.3433, 0.3627

Deuteranopia

51.7514, 0.3443, 0.3375



Tritanopia

52.6214, 0.2580, 0.3080

Trichromacy



Original Color

52.5259, 0.2792, 0.3799



Protanomaly

51.6843, 0.3171, 0.3699



Deuteranomaly

51.1802, 0.3173, 0.3523



Tritanomaly

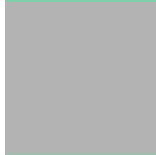
52.3893, 0.2657, 0.3329

Monochromacy



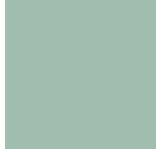
Original Color

52.5259, 0.2792, 0.3799



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.4351, 0.2990, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5259, 0.2792, 0.3799 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(126, 208, 172)` looks like.

```
.text, #text, p{  
    color:rgb(126, 208, 172)  
}
```

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(126, 208, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 208, 172) }
```

Border

The CSS property to change the border of an element to Yxy 52.5259, 0.2792, 0.3799 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(126, 208, 172) }
```

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

```
.border{ border-color:rgb(126, 208, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 208, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 208, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 208, 172);  
box-shadow:4px 4px 4px 4px rgb(126, 208,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5259, 0.2792, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 208, 172) }
```

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

```
.background{ background-color: rgb(126,  
208, 172) }
```

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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