

Converting Colors

$Yxy(48.7620, 0.2753, 0.3916)$

Have a look what the booklet for
Yxy(48.7620, 0.2753, 0.3916)
contains.

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Color

Yxy(48.6001, 0.2757, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	6ECBA1
RGB	110, 203, 161
RGB Percent	43%, 80%, 63%
CMY	0.5687, 0.2039, 0.3687
CMYK	0.46, 0.00, 0.21, 0.20
HSL	153°, 47%, 61%
HSV	153°, 46%, 80%
XYZ	34.2162, 48.6001, 41.2902
YIQ	170.4050, -41.9460, -32.7780

Conversions

Conversions Part 2

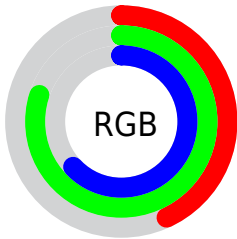
Format	Color
RYB	110, 170, 203
Decimal	7261089
CIELab	75.20, -37.42, 12.48
CIElCh	75, 39.451, 161.557
Yxy	48.6001, 0.2757, 0.3916
Android (android.graphics.Color)	4285451169 (0xFF6ECBA1)
YUV	170.4050, -4.6367, -52.9752
Hunter-Lab	69.7138, -34.3897, 13.6832

Details

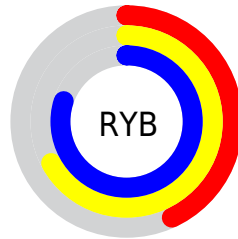
The Yxy color **48.6001, 0.2757, 0.3916** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **26.1112, 0.3782, 0.2753**, and the grayscale version is **40.4481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5849, 0.2822, 0.3736**, and **23.0408, 0.2646, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **47.1343, 0.2703, 0.4084**, and if you desaturate by 10%, it is **50.3918, 0.2824, 0.3758**.

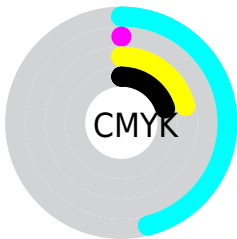
Distribution



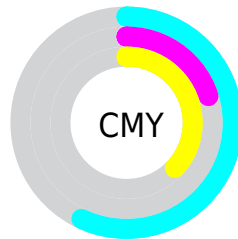
- Red (43%)
- Green (80%)
- Blue (63%)



- Red (43%)
- Yellow (67%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)




- Cyan (57%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6001, 0.2757, 0.3916 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 48.6001, 0.2757, 0.3916 by changing the saturation by 10% instead.


 48.6001, 0.2757,
0.3916


 48.6001, 0.2757,
0.3916

381.1659, 0.2947,
0.3592


 34.3024, 0.2708,
0.4000


 88.0972, 0.2827,
0.3796

 23.1260, 0.2645,
0.4111


 114.0654, 0.2853,
0.3751

 14.6866, 0.2559,
0.4261


 144.6925, 0.2875,
0.3714

 8.5997, 0.2437,
0.4477

180.3629, 0.2893,
0.3683

 4.4810, 0.2250,
0.4814

221.4611, 0.2909,
0.3655

 1.9461, 0.1910,
0.5418

268.3714, 0.2923,


 0.5759, 0.0000,


0.3632


1.0000


321.4782, 0.2936,
0.3611

 0.0000, 0.0000,
0.0000


 48.6001, 0.2757,
0.3916

 48.6001, 0.2757,
0.3916


 47.1343, 0.2703,
0.4084


 50.3918, 0.2824,
0.3758

 45.9673, 0.2665,
0.4258


 52.5227, 0.2902,
0.3611


 45.0774, 0.2647,
0.4436


 55.0124, 0.2986,
0.3476


 44.4369, 0.2648,
0.4612

 57.8772, 0.3075,
0.3355


 44.0116, 0.2669,
0.4782

 61.1326, 0.3165,
0.3246

 43.8705, 0.2681,
0.4851

 64.7930, 0.3255,
0.3150

 68.8722, 0.3344,
0.3065

 69.9359, 0.3299,
0.2977

 70.4777, 0.3232,
0.2889

Harmonies

Analogous

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



48.6001, 0.3280, 0.4244



48.6001, 0.2757, 0.3916



48.6001, 0.2355, 0.3380

Triad

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



48.6001, 0.2757, 0.3916



48.6001, 0.2452, 0.2431



48.6001, 0.4201, 0.3557

Complementary

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



48.6001, 0.2757, 0.3916



26.1112, 0.3782, 0.2753

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.



48.6001, 0.3945, 0.3133



48.6001, 0.2757, 0.3916



48.6001, 0.2899, 0.2514

Square

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



48.6001, 0.2757, 0.3916



48.6001, 0.2196, 0.2545



48.6001, 0.3451, 0.2764



48.6001, 0.4133, 0.3959

Rectangle

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



48.6001, 0.2757, 0.3916



48.6001, 0.2200, 0.3027



48.6001, 0.3451, 0.2764



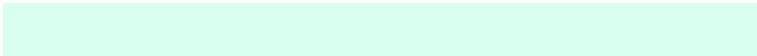
48.6001, 0.4150, 0.3414

Sweetspot

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



48.6021, 0.2757, 0.3916



92.8513, 0.3000, 0.3455



50.6514, 0.3380, 0.4580



19.6628, 0.2981, 0.3483



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.



48.6021, 0.2757, 0.3916



78.9384, 0.2703, 0.4082



48.8912, 0.2511, 0.3245



12.6382, 0.3043, 0.3397



27.9350, 0.2675, 0.4828



1.4563, 0.2583, 0.4498

Inverse Universe

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



26.1112, 0.3782, 0.2753



36.6827, 0.4002, 0.2650



25.6505, 0.4335, 0.3334



11.2965, 0.3220, 0.3186



8.5861, 0.5145, 0.2608



0.4582, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 48.6001, 0.2757, 0.3916 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 48.6001, 0.2757, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

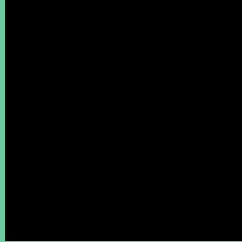
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

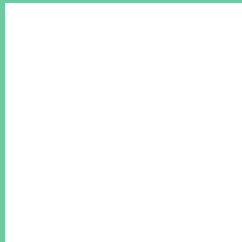
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6001, 0.2757, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 48.6001, 0.2757, 0.3916.

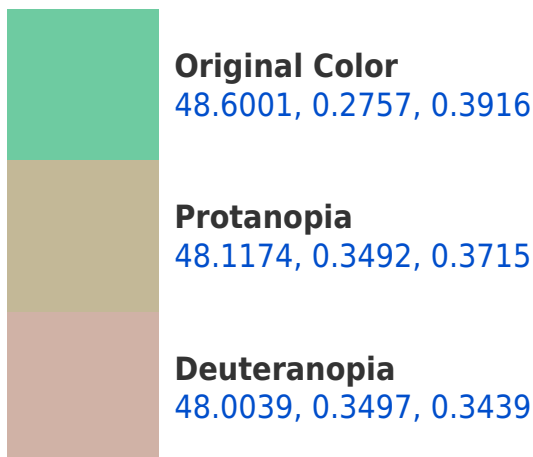


This preview shows how white text looks on a background with the Yxy color 48.6001, 0.2757, 0.3916.

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





Tritanopia

48.4443, 0.2522, 0.3070

Trichromacy



Original Color

48.6001, 0.2757, 0.3916



Protanomaly

47.5207, 0.3177, 0.3788



Deuteranomaly

46.9916, 0.3179, 0.3601



Tritanomaly

48.5487, 0.2607, 0.3373

Monochromacy



Original Color

48.6001, 0.2757, 0.3916



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

42.5418, 0.2960, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6001, 0.2757, 0.3916 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(110, 203, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 203, 161)  
}
```

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(110, 203, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 203, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.6001, 0.2757, 0.3916 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(110, 203, 161) }
```

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

```
.border{ border-color:rgb(110, 203, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 203, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 203, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 203, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 203,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6001, 0.2757, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 203, 161) }
```

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

```
.background{ background-color: rgb(110,  
203, 161) }
```

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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