

Converting Colors

$Yxy(45.2030, 0.2766, 0.3567)$

Have a look what the booklet for
Yxy(45.2030, 0.2766, 0.3567)
contains.

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Color

Yxy(45.1520, 0.2765, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	7EC0AD
RGB	126, 192, 173
RGB Percent	49%, 75%, 68%
CMY	0.5061, 0.2470, 0.3216
CMYK	0.34, 0.00, 0.10, 0.25
HSL	163°, 34%, 62%
HSV	163°, 34%, 75%
XYZ	34.9903, 45.1520, 46.4048
YIQ	170.1000, -33.2370, -19.9010

Conversions

Conversions Part 2

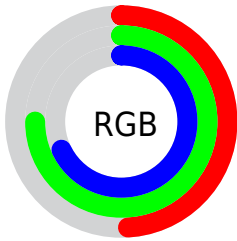
Format	Color
R _Y B	126, 165, 192
Decimal	8306861
CIE Lab	72.99, -25.24, 2.92
CIE LCh	73, 25.405, 173.390
Yxy	45.1520, 0.2765, 0.3568
Android (android.graphics.Color)	4286496941 (0xFF7EC0AD)
YUV	170.1000, 1.4297, -38.6757
Hunter-Lab	67.1952, -24.6422, 6.0912

Details

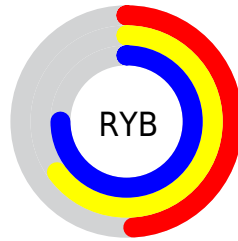
The Yxy color **45.1520, 0.2765, 0.3568** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.1593, 0.3694, 0.3032**, and the grayscale version is **40.2511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1766, 0.2836, 0.3524**, and **20.9739, 0.2654, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **43.6228, 0.2680, 0.3664**, and if you desaturate by 10%, it is **46.9739, 0.2862, 0.3478**.

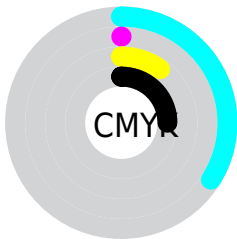
Distribution



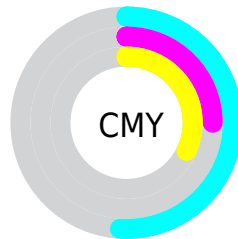
- Red (49%)
- Green (75%)
- Blue (68%)



- Red (49%)
- Yellow (65%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (51%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1520, 0.2765, 0.3568 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 45.1520, 0.2765, 0.3568 by changing the saturation by 10% instead.

 45.1520, 0.2765,
0.3568


 45.1520, 0.2765,
0.3568


367.3888, 0.2948,
0.3427

 31.5772, 0.2719,
0.3604


 82.9485, 0.2832,
0.3516

 21.0387, 0.2660,
0.3651


 107.9389, 0.2857,
0.3497

 13.1523, 0.2580,
0.3714


 137.5033, 0.2878,
0.3480

 7.5335, 0.2468,
0.3805

172.0260, 0.2896,
0.3466

 3.7979, 0.2300,
0.3943

211.8916, 0.2911,
0.3454

 1.5612, 0.2013,
0.4185

257.4843, 0.2925,

 0.3312, 0.0000,

0.3444

0.6796

309.1886, 0.2937,
0.3435

0.0000, 0.0000,
0.0000

45.1520, 0.2765,
0.3568

45.1520, 0.2765,
0.3568

43.6228, 0.2680,
0.3664

46.9739, 0.2862,
0.3478

42.3644, 0.2609,
0.3766

49.0977, 0.2967,
0.3396

41.3611, 0.2555,
0.3871

51.5394, 0.3077,
0.3321

40.5926, 0.2520,
0.3979

54.3117, 0.3191,
0.3253

40.0360, 0.2504,
0.4088


57.4270, 0.3306,
0.3193

 39.6634, 0.2508,
0.4196

 60.8970, 0.3420,
0.3139

 39.5042, 0.2516,
0.4256

 63.7027, 0.3488,
0.3089

 63.9859, 0.3444,
0.3033

 64.2787, 0.3400,
0.2978

Harmonies

Analogous

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



45.1520, 0.3098, 0.3840



45.1520, 0.2765, 0.3568



45.1520, 0.2536, 0.3220

Triad

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



45.1520, 0.2765, 0.3568



45.1520, 0.2783, 0.2709



45.1520, 0.3844, 0.3600

Complementary

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



45.1520, 0.2765, 0.3568



28.1593, 0.3694, 0.3032

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.



45.1520, 0.3754, 0.3309



45.1520, 0.2765, 0.3568



45.1520, 0.3124, 0.2813

Square

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



45.1520, 0.2765, 0.3568



45.1520, 0.2546, 0.2741



45.1520, 0.3484, 0.3028



45.1520, 0.3729, 0.3835

Rectangle

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



45.1520, 0.2765, 0.3568



45.1520, 0.2466, 0.3008



45.1520, 0.3484, 0.3028



45.1520, 0.3837, 0.3506

Sweetspot

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



45.1538, 0.2765, 0.3568



90.7556, 0.3013, 0.3363



45.2998, 0.3236, 0.4258



19.3383, 0.2997, 0.3374



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



45.1538, 0.2765, 0.3568



79.7421, 0.2702, 0.3637



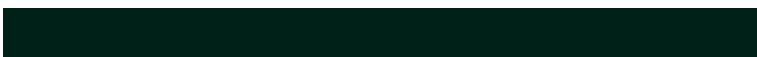
40.3980, 0.2621, 0.3097



11.3774, 0.3022, 0.3357



26.5919, 0.2512, 0.4242



1.1604, 0.2445, 0.4003

Inverse Universe

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



28.1593, 0.3694, 0.3032



44.4819, 0.3870, 0.2977



31.2247, 0.3867, 0.3473



10.1245, 0.3245, 0.3224



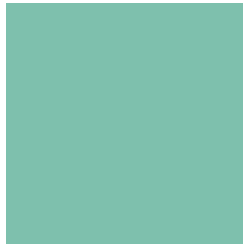
7.7399, 0.5779, 0.2957



0.3467, 0.5122, 0.2596

Previews

White Background



This preview shows how the Yxy color 45.1520, 0.2765, 0.3568 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 45.1520, 0.2765, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

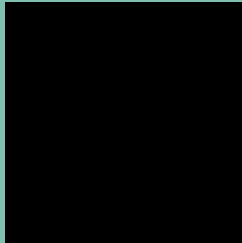
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

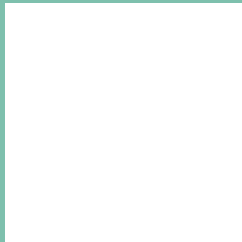
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1520, 0.2765, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 45.1520, 0.2765, 0.3568.

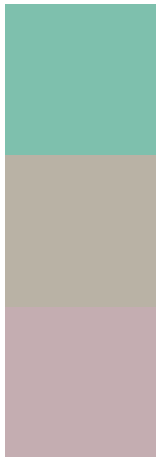


This preview shows how white text looks on a background with the Yxy color 45.1520, 0.2765, 0.3568.

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

45.1520, 0.2765, 0.3568

Protanopia

44.8717, 0.3296, 0.3462

Deuteranopia

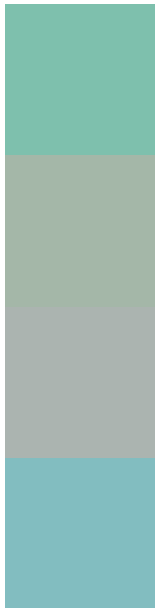
44.7972, 0.3301, 0.3240



Tritanopia

45.2648, 0.2616, 0.3081

Trichromacy



Original Color

45.1520, 0.2765, 0.3568

Protanomaly

44.5866, 0.3084, 0.3498

Deuteranomaly

44.4350, 0.3082, 0.3344

Tritanomaly

44.9468, 0.2666, 0.3246

Monochromacy



Original Color

45.1520, 0.2765, 0.3568

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.6511, 0.2978, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1520, 0.2765, 0.3568 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, 192, 173)` looks like.

```
.text, #text, p{  
    color:rgb(126, 192, 173)  
}
```

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, 192, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 192, 173) }
```

Border

The CSS property to change the border of an element to Yxy 45.1520, 0.2765, 0.3568 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, 192, 173) }
```

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

```
.border{ border-color:rgb(126, 192, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 192, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 192, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 192, 173); box-shadow:4px 4px 4px 4px rgb(126, 192, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1520, 0.2765, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 192, 173) }
```

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

```
.background{ background-color: rgb(126,  
192, 173) }
```

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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