

Converting Colors

$Yxy(56.7645, 0.2765, 0.3465)$

Have a look what the booklet for
Yxy(56.7645, 0.2765, 0.3465)
contains.

Yxy(56.7767, 0.2763, 0.3460)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7767, 0.2763, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	92D3C6
RGB	146, 211, 198
RGB Percent	57%, 83%, 78%
CMY	0.4274, 0.1725, 0.2236
CMYK	0.31, 0.00, 0.06, 0.17
HSL	168°, 42%, 70%
HSV	168°, 31%, 83%
XYZ	45.3393, 56.7767, 61.9785
YIQ	190.0830, -34.5670, -17.8230

Conversions

Conversions Part 2

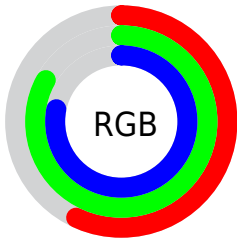
Format	Color
RYB	146, 182, 211
Decimal	9622470
CIELab	80.05, -23.35, -0.14
CIElCh	80, 23.351, 180.347
Yxy	56.7767, 0.2763, 0.3460
Android (android.graphics.Color)	4287812550 (0xFF92D3C6)
YUV	190.0830, 3.9031, -38.6608
Hunter-Lab	75.3503, -24.4572, 3.9769

Details

The Yxy color **56.7767, 0.2763, 0.3460** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9141, 0.3679, 0.3129**, and the grayscale version is **51.5357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **28.1177, 0.2672, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **54.8278, 0.2664, 0.3525**, and if you desaturate by 10%, it is **59.0925, 0.2873, 0.3400**.

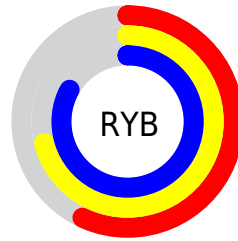
Distribution



Red (57%)

Green (83%)

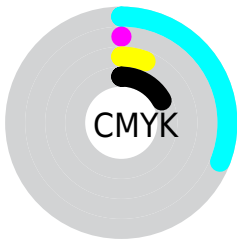
Blue (78%)



Red (57%)

Yellow (71%)

Blue (83%)

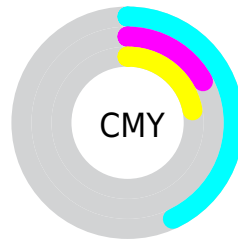


Cyan (31%)

Magenta (0%)

Yellow (6%)

Black (17%)



Cyan (43%)


Magenta (17%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7767, 0.2763, 0.3460 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 56.7767, 0.2763, 0.3460 by changing the saturation by 10% instead.


 56.7767, 0.2763,
0.3460


 56.7767, 0.2763,
0.3460


412.6120, 0.2939,
0.3378

 40.8260, 0.2721,
0.3480


 100.1393, 0.2825,
0.3431

 28.1831, 0.2668,
0.3504

 128.3200, 0.2849,
0.3420

 18.4638, 0.2600,
0.3536


161.3461, 0.2870,
0.3410

 11.2835, 0.2508,
0.3579

199.6020, 0.2887,
0.3402

 6.2578, 0.2376,
0.3640

243.4722, 0.2902,
0.3395

 3.0025, 0.2177,
0.3732

293.3410, 0.2916,

 1.1330, 0.1702,

0.3389

349.5928, 0.2928,
0.3383

0.3953

0.0060, 0.0000,
0.2670

0.0000, 0.0000,
0.0000

56.7767, 0.2763,
0.3460

56.7767, 0.2763,
0.3460

54.8278, 0.2664,
0.3525

59.0925, 0.2873,
0.3400

53.2192, 0.2580,
0.3593

61.7866, 0.2992,
0.3344

51.9317, 0.2513,
0.3663

64.8781, 0.3117,
0.3294

50.9411, 0.2464,
0.3736

68.3831, 0.3245,
0.3248

■ 50.2198, 0.2436,
0.3809

■ 72.3166, 0.3374,
0.3208

■ 49.7352, 0.2426,
0.3883

■ 73.1984, 0.3370,
0.3166

■ 49.4447, 0.2430,
0.3949

■ 73.4300, 0.3339,
0.3124

■ 73.6673, 0.3309,
0.3082

■ 73.9104, 0.3278,
0.3041

Harmonies

Analogous

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



56.7767, 0.3034, 0.3712



56.7767, 0.2763, 0.3460



56.7767, 0.2592, 0.3168

Triad

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



56.7767, 0.2763, 0.3460



56.7767, 0.2896, 0.2801



56.7767, 0.3729, 0.3613

Complementary

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



56.7767, 0.2763, 0.3460



36.9141, 0.3679, 0.3129

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.



56.7767, 0.3693, 0.3369



56.7767, 0.2763, 0.3460



56.7767, 0.3199, 0.2915

Square

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



56.7767, 0.2763, 0.3460



56.7767, 0.2666, 0.2802



56.7767, 0.3494, 0.3119



56.7767, 0.3597, 0.3788

Rectangle

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



56.7767, 0.2763, 0.3460



56.7767, 0.2553, 0.2999



56.7767, 0.3494, 0.3119



56.7767, 0.3737, 0.3536

Sweetspot

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



56.7790, 0.2763, 0.3460



95.6113, 0.3013, 0.3335



56.1498, 0.3187, 0.4162



20.3232, 0.2995, 0.3343



0.0000, 0.0000, 0.0000



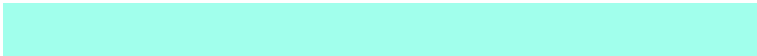
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7790, 0.2763, 0.3460



85.1217, 0.2696, 0.3502



48.7737, 0.2659, 0.3045



13.3648, 0.3009, 0.3337



29.8530, 0.2427, 0.3938



1.6798, 0.2390, 0.3805

Inverse Universe

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



36.9141, 0.3679, 0.3129



49.9052, 0.3850, 0.3093



42.6279, 0.3751, 0.3521



11.8464, 0.3259, 0.3244



8.4718, 0.6059, 0.3111



0.4852, 0.5547, 0.2829

Previews

White Background



This preview shows how the Yxy color 56.7767, 0.2763, 0.3460 looks on a white background.

Color Contrast Check

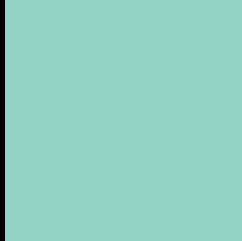
Large Text (above 18pt) WCAG AA × Fail

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 56.7767, 0.2763, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

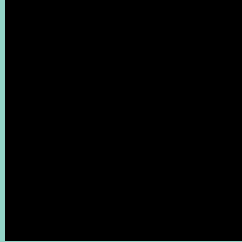
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

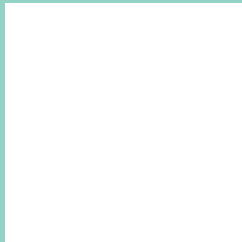
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7767, 0.2763, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 56.7767, 0.2763, 0.3460.

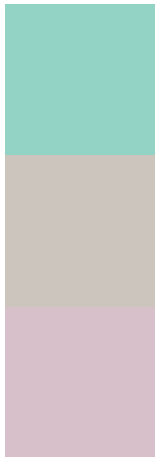


This preview shows how white text looks on a background with the Yxy color 56.7767, 0.2763, 0.3460.

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

56.7767, 0.2763, 0.3460

Protanopia

56.3467, 0.3227, 0.3374

Deuteranopia

56.4106, 0.3238, 0.3175



Tritanopia

56.6829, 0.2643, 0.3076

Trichromacy



Original Color

56.7767, 0.2763, 0.3460

Protanomaly

56.0364, 0.3038, 0.3402

Deuteranomaly

56.0110, 0.3043, 0.3265

Tritanomaly

56.5021, 0.2684, 0.3199

Monochromacy



Original Color

56.7767, 0.2763, 0.3460

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.2371, 0.2978, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7767, 0.2763, 0.3460 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(146, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 198)  
}
```

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(146, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.7767, 0.2763, 0.3460 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(146, 211, 198) }
```

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

```
.border{ border-color:rgb(146, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7767, 0.2763, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 211, 198) }
```

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

```
.background{ background-color: rgb(146,  
211, 198) }
```

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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