

Converting Colors

$Yxy(34.5220, 0.2681, 0.3677)$

Have a look what the booklet for
Yxy(34.5220, 0.2681, 0.3677)
contains.

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Color

$\text{Yxy}(34.5220, 0.2681, 0.3677)$

Conversions

Conversions Part 1

Format	Color
Hex	5FAD96
RGB	95, 173, 150
RGB Percent	37%, 68%, 59%
CMY	0.6273, 0.3216, 0.4117
CMYK	0.45, 0.00, 0.13, 0.32
HSL	162°, 32%, 53%
HSV	162°, 45%, 68%
XYZ	25.1709, 34.5220, 34.1934
YIQ	147.0560, -39.1050, -23.6890

Conversions

Conversions Part 2

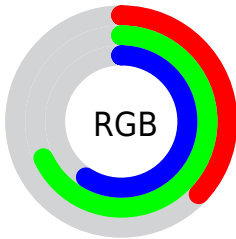
Format	Color
RYB	95, 141, 173
Decimal	6270358
CIELab	65.37, -29.67, 4.36
CIElCh	65, 29.984, 171.642
Yxy	34.5220, 0.2681, 0.3677
Android (android.graphics.Color)	4284460438 (0xFF5FAD96)
YUV	147.0560, 1.4514, -45.6531
Hunter-Lab	58.7554, -26.3523, 6.6243

Details

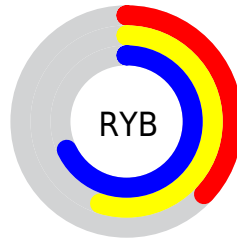
The Yxy color **34.5220, 0.2681, 0.3677** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.3837, 0.3943, 0.2947**, and the grayscale version is **29.2121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8823, 0.2773, 0.3602**, and **14.7651, 0.2533, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **33.5363, 0.2612, 0.3781**, and if you desaturate by 10%, it is **35.7234, 0.2764, 0.3579**.

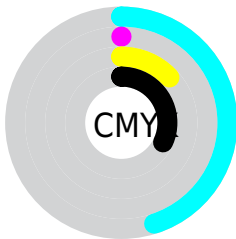
Distribution



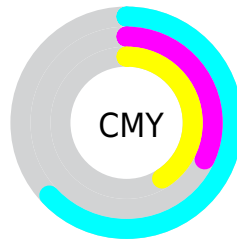
- Red (37%)
- Green (68%)
- Blue (59%)



- Red (37%)
- Yellow (55%)
- Blue (68%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)





- Cyan (63%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5220, 0.2681, 0.3677 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 34.5220, 0.2681, 0.3677 by changing the saturation by 10% instead.


 34.5220, 0.2681,
0.3677


 34.5220, 0.2681,
0.3677


322.4534, 0.2917,
0.3470

 23.2949, 0.2618,
0.3734


 66.7446, 0.2770,
0.3598

 14.8114, 0.2534,
0.3810


 88.5089, 0.2802,
0.3570

 8.6871, 0.2418,
0.3917


 114.5544, 0.2829,
0.3546

 4.5377, 0.2246,
0.4078

 145.2654, 0.2852,
0.3526

 1.9787, 0.1967,
0.4351

181.0265, 0.2871,
0.3509

 0.5950, 0.0000,
0.6342

222.2219, 0.2888,

 0.0000, 0.0000,

0.3494

0.0000

269.2361, 0.2903,
0.3481

■ 34.5220, 0.2681,
0.3677

■ 34.5220, 0.2681,
0.3677

■ 33.5363, 0.2612,
0.3781

■ 35.7234, 0.2764,
0.3579

■ 32.7483, 0.2559,
0.3888

■ 37.1488, 0.2859,
0.3487

■ 32.1437, 0.2525,
0.3999


■ 38.8114, 0.2962,
0.3403


■ 31.7047, 0.2510,
0.4110

■ 40.7219, 0.3071,
0.3326


■ 31.4093, 0.2515,
0.4219


■ 42.8904, 0.3183,
0.3257

 31.2909, 0.2520,
0.4274

 45.3264, 0.3295,
0.3195

 48.0390, 0.3408,
0.3140

 51.0369, 0.3518,
0.3092

 54.3283, 0.3625,
0.3049

Harmonies

Analogous

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



34.5220, 0.3109, 0.4028



34.5220, 0.2681, 0.3677



34.5220, 0.2385, 0.3217

Triad

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



34.5220, 0.2681, 0.3677



34.5220, 0.2662, 0.2552



34.5220, 0.4054, 0.3652

Complementary

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



34.5220, 0.2681, 0.3677



18.3837, 0.3943, 0.2947

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.



34.5220, 0.3924, 0.3282



34.5220, 0.2681, 0.3677



34.5220, 0.3090, 0.2676

Square

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



34.5220, 0.2681, 0.3677



34.5220, 0.2377, 0.2597



34.5220, 0.3560, 0.2936



34.5220, 0.3914, 0.3968

Rectangle

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



34.5220, 0.2681, 0.3677



34.5220, 0.2292, 0.2940



34.5220, 0.3560, 0.2936



34.5220, 0.4041, 0.3531

Sweetspot

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



34.5234, 0.2681, 0.3677



69.7752, 0.2971, 0.3396



34.5946, 0.3257, 0.4591



15.0189, 0.2949, 0.3413



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.5234, 0.2681, 0.3677



60.0830, 0.2612, 0.3779



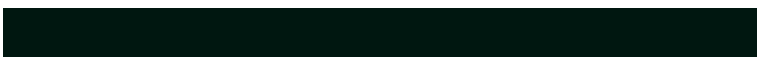
29.7033, 0.2487, 0.3029



9.0312, 0.3024, 0.3358



22.9989, 0.2517, 0.4262



0.6488, 0.2425, 0.3931

Inverse Universe

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



18.3837, 0.3943, 0.2947



27.5193, 0.4229, 0.2881



20.9990, 0.4191, 0.3528



8.0528, 0.3242, 0.3223



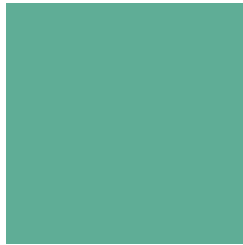
6.7114, 0.5741, 0.2936



0.1964, 0.4882, 0.2463

Previews

White Background



This preview shows how the Yxy color 34.5220, 0.2681, 0.3677 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 34.5220, 0.2681, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

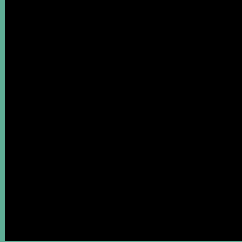
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5220, 0.2681, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 34.5220, 0.2681, 0.3677.

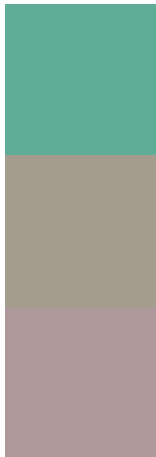


This preview shows how white text looks on a background with the Yxy color 34.5220, 0.2681, 0.3677.

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

34.5220, 0.2681, 0.3677

Protanopia

33.9594, 0.3337, 0.3513

Deuteranopia

34.1142, 0.3331, 0.3276



Tritanopia

34.3257, 0.2517, 0.3068

Trichromacy



Original Color

34.5220, 0.2681, 0.3677

Protanomaly

33.7277, 0.3058, 0.3574

Deuteranomaly

33.4613, 0.3046, 0.3398

Tritanomaly

34.4184, 0.2579, 0.3288

Monochromacy



Original Color

34.5220, 0.2681, 0.3677

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.5042, 0.2931, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5220, 0.2681, 0.3677 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(95, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(95, 173, 150)  
}
```

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(95, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 173, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.5220, 0.2681, 0.3677 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(95, 173, 150) }
```

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

```
.border{ border-color:rgb(95, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(95, 173,  
150) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 34.5220, 0.2681, 0.3677$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 173, 150) }
```

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

```
.background{ background-color: rgb(95, 173,  
150) }
```

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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