

Converting Colors

$Yxy(36.0546, 0.2751, 0.3704)$

Have a look what the booklet for
Yxy(36.0546, 0.2751, 0.3704)
contains.

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Color

Yxy(35.8652, 0.2751, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	69AF96
RGB	105, 175, 150
RGB Percent	41%, 69%, 59%
CMY	0.5884, 0.3137, 0.4117
CMYK	0.40, 0.00, 0.14, 0.31
HSL	159°, 30%, 55%
HSV	159°, 40%, 69%
XYZ	26.6591, 35.8652, 34.3825
YIQ	151.2200, -33.6950, -22.6150

Conversions

Conversions Part 2

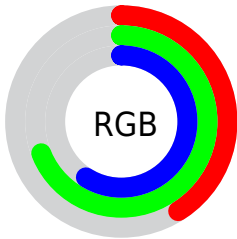
Format	Color
RYB	105, 148, 175
Decimal	6926230
CIELab	66.42, -27.95, 5.90
CIELCh	66, 28.567, 168.071
Yxy	35.8652, 0.2751, 0.3701
Android (android.graphics.Color)	4285116310 (0xFF69AF96)
YUV	151.2200, -0.6015, -40.5349
Hunter-Lab	59.8876, -25.3436, 7.8818

Details

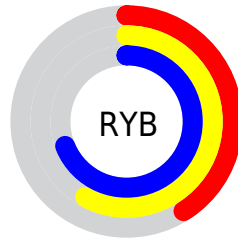
The Yxy color **35.8652, 0.2751, 0.3701** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.8209, 0.3753, 0.2921**, and the grayscale version is **31.0579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8824, 0.2827, 0.3621**, and **15.5500, 0.2629, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **34.7184, 0.2680, 0.3825**, and if you desaturate by 10%, it is **37.2437, 0.2834, 0.3585**.

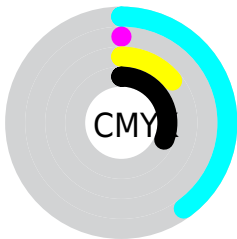
Distribution



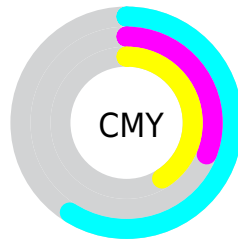
- Red (41%)
- Green (69%)
- Blue (59%)



- Red (41%)
- Yellow (58%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)





- Cyan (59%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8652, 0.2751, 0.3701 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 35.8652, 0.2751, 0.3701 by changing the saturation by 10% instead.

 35.8652, 0.2751,
0.3701


 35.8652, 0.2751,
0.3701


328.3710, 0.2949,
0.3481


 24.3301, 0.2698,
0.3761


 68.8240, 0.2826,
0.3618

 15.5787, 0.2627,
0.3841


 91.0164, 0.2853,
0.3587

 9.2265, 0.2529,
0.3955


 117.5301, 0.2876,
0.3562

 4.8892, 0.2384,
0.4126

 148.7494, 0.2895,
0.3541

 2.1824, 0.2148,
0.4414

185.0588, 0.2911,
0.3523

 0.7104, 0.0000,
0.6633

226.8426, 0.2926,

 0.0000, 0.0000,

0.3507

0.0000

274.4852, 0.2938,
0.3493

■ 35.8652, 0.2751,
0.3701

■ 35.8652, 0.2751,
0.3701

■ 34.7184, 0.2680,
0.3825

■ 37.2437, 0.2834,
0.3585

■ 33.7852, 0.2624,
0.3956

■ 38.8620, 0.2926,
0.3477

■ 33.0520, 0.2585,
0.4091


■ 40.7330, 0.3025,
0.3379


■ 32.5016, 0.2566,
0.4227


■ 42.8677, 0.3127,
0.3290

■ 32.1137, 0.2566,
0.4363


■ 45.2762, 0.3230,
0.3211

 31.8458, 0.2582,
0.4497

 47.9680, 0.3334,
0.3140

 50.9523, 0.3435,
0.3078

 54.2380, 0.3534,
0.3024

 56.3886, 0.3566,
0.2968

Harmonies

Analogous

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



35.8652, 0.3164, 0.4006



35.8652, 0.2751, 0.3701



35.8652, 0.2451, 0.3274

Triad

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



35.8652, 0.2751, 0.3701



35.8652, 0.2649, 0.2588



35.8652, 0.3998, 0.3595

Complementary

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



35.8652, 0.2751, 0.3701



20.8209, 0.3753, 0.2921

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.



35.8652, 0.3845, 0.3243



35.8652, 0.2751, 0.3701



35.8652, 0.3041, 0.2688

Square

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



35.8652, 0.2751, 0.3701



35.8652, 0.2398, 0.2653



35.8652, 0.3485, 0.2921



35.8652, 0.3896, 0.3902

Rectangle

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



35.8652, 0.2751, 0.3701



35.8652, 0.2348, 0.3006



35.8652, 0.3485, 0.2921



35.8652, 0.3975, 0.3479

Sweetspot

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



35.8667, 0.2751, 0.3701



72.1732, 0.3003, 0.3399



36.4790, 0.3290, 0.4415



15.9440, 0.2990, 0.3412



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.8667, 0.2751, 0.3701



62.3985, 0.2688, 0.3810



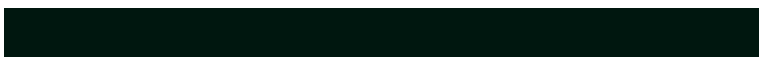
33.2484, 0.2562, 0.3139



9.0228, 0.3032, 0.3372



22.8158, 0.2578, 0.4481



0.6446, 0.2466, 0.4076

Inverse Universe

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



20.8209, 0.3753, 0.2921



31.7126, 0.3964, 0.2843



22.2372, 0.4057, 0.3433



8.0608, 0.3233, 0.3209



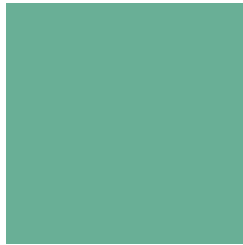
6.7899, 0.5511, 0.2810



0.1995, 0.4676, 0.2349

Previews

White Background



This preview shows how the Yxy color 35.8652, 0.2751, 0.3701 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 35.8652, 0.2751, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

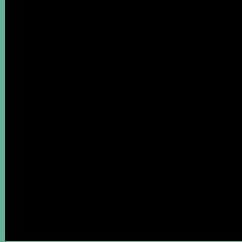
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8652, 0.2751, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 35.8652, 0.2751, 0.3701.

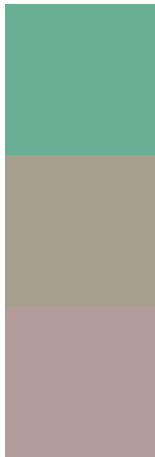


This preview shows how white text looks on a background with the Yxy color 35.8652, 0.2751, 0.3701.

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

35.8652, 0.2751, 0.3701

Protanopia

35.4194, 0.3371, 0.3553

Deuteranopia

35.3595, 0.3378, 0.3305



Tritanopia

35.7209, 0.2567, 0.3073

Trichromacy



Original Color

35.8652, 0.2751, 0.3701

Protanomaly

34.9743, 0.3113, 0.3600

Deuteranomaly

34.8160, 0.3111, 0.3426

Tritanomaly

35.7986, 0.2630, 0.3289

Monochromacy



Original Color

35.8652, 0.2751, 0.3701

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.4443, 0.2962, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8652, 0.2751, 0.3701 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(105, 175, 150)` looks like.

```
.text, #text, p{  
    color:rgb(105, 175, 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(105, 175, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 175, 150) }
```

Border

The CSS property to change the border of an element to Yxy 35.8652, 0.2751, 0.3701 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(105, 175, 150) }
```

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

```
.border{ border-color:rgb(105, 175, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 175, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 175, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 175, 150);  
box-shadow:4px 4px 4px 4px rgb(105, 175,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8652, 0.2751, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 175, 150) }
```

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

```
.background{ background-color: rgb(105,  
175, 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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