

Converting Colors

$Yxy(34.4463, 0.2755, 0.3602)$

Have a look what the booklet for
Yxy(34.4463, 0.2755, 0.3602)
contains.

Yxy(34.5810, 0.2752, 0.3603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.5810, 0.2752, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	6CAB98
RGB	108, 171, 152
RGB Percent	42%, 67%, 60%
CMY	0.5765, 0.3294, 0.4040
CMYK	0.37, 0.00, 0.11, 0.33
HSL	162°, 27%, 55%
HSV	162°, 37%, 67%
XYZ	26.4132, 34.5810, 34.9841
YIQ	149.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

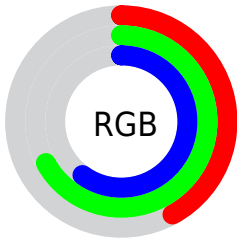
Format	Color
RYB	108, 145, 171
Decimal	7121816
CIELab	65.42, -24.67, 3.40
CIELCh	65, 24.901, 172.156
Yxy	34.5810, 0.2752, 0.3603
Android (android.graphics.Color)	4285311896 (0xFF6CAB98)
YUV	149.9970, 0.9875, -36.8314
Hunter-Lab	58.8056, -22.7344, 5.8917

Details

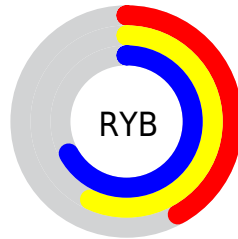
The Yxy color **34.5810, 0.2752, 0.3603** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9146, 0.3731, 0.3003**, and the grayscale version is **30.5033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0758, 0.2830, 0.3547**, and **14.7372, 0.2628, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **33.4480, 0.2672, 0.3705**, and if you desaturate by 10%, it is **35.9345, 0.2844, 0.3508**.

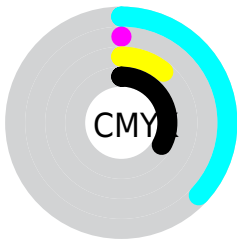
Distribution



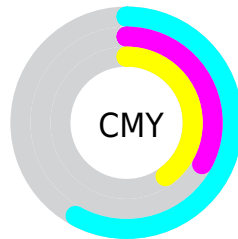
- Red (42%)
- Green (67%)
- Blue (60%)



- Red (42%)
- Yellow (57%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (58%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5810, 0.2752, 0.3603 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 34.5810, 0.2752, 0.3603 by changing the saturation by 10% instead.


 34.5810, 0.2752,
0.3603


 34.5810, 0.2752,
0.3603


322.7150, 0.2950,
0.3436


 23.3403, 0.2699,
0.3648


 66.8362, 0.2826,
0.3540

 14.8450, 0.2629,
0.3709


 88.6194, 0.2854,
0.3517

 8.7107, 0.2531,
0.3794


 114.6856, 0.2876,
0.3498

 4.5529, 0.2387,
0.3923

 145.4192, 0.2895,
0.3482

 1.9874, 0.2152,
0.4138

181.2045, 0.2912,
0.3468

 0.6002, 0.0000,
0.5907

222.4260, 0.2926,

 0.0000, 0.0000,

0.3456

0.0000

269.4680, 0.2939,
0.3445

■ 34.5810, 0.2752,
0.3603

■ 34.5810, 0.2752,
0.3603

■ 33.4480, 0.2672,
0.3705

■ 35.9345, 0.2844,
0.3508

■ 32.5187, 0.2606,
0.3812

■ 37.5157, 0.2945,
0.3420

■ 31.7809, 0.2557,
0.3923


■ 39.3366, 0.3052,
0.3340

■ 31.2192, 0.2526,
0.4036

■ 41.4071, 0.3162,
0.3268


■ 30.8155, 0.2516,
0.4149

■ 43.7367, 0.3274,
0.3203

 30.5440, 0.2523,
0.4262

 46.3342, 0.3385,
0.3146

 30.4697, 0.2527,
0.4297

 49.2081, 0.3494,
0.3095

 52.3665, 0.3601,
0.3051

 54.4852, 0.3644,
0.3006

Harmonies

Analogous

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



34.5810, 0.3111, 0.3891



34.5810, 0.2752, 0.3603



34.5810, 0.2503, 0.3228

Triad

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



34.5810, 0.2752, 0.3603



34.5810, 0.2746, 0.2669



34.5810, 0.3896, 0.3607

Complementary

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



34.5810, 0.2752, 0.3603



20.9146, 0.3731, 0.3003

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.



34.5810, 0.3790, 0.3295



34.5810, 0.2752, 0.3603



34.5810, 0.3106, 0.2775

Square

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



34.5810, 0.2752, 0.3603



34.5810, 0.2500, 0.2708



34.5810, 0.3494, 0.2998



34.5810, 0.3780, 0.3864

Rectangle

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



34.5810, 0.2752, 0.3603



34.5810, 0.2424, 0.2999



34.5810, 0.3494, 0.2998



34.5810, 0.3885, 0.3505

Sweetspot

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



34.5824, 0.2752, 0.3603



68.9735, 0.3005, 0.3374



34.7956, 0.3251, 0.4323



15.2862, 0.2991, 0.3385



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.



34.5824, 0.2752, 0.3603



60.2889, 0.2687, 0.3683



31.0807, 0.2595, 0.3100



9.0303, 0.3025, 0.3359



22.9776, 0.2524, 0.4286



0.6483, 0.2430, 0.3947

Inverse Universe

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



20.9146, 0.3731, 0.3003



32.3033, 0.3926, 0.2941



23.0649, 0.3935, 0.3469



8.0537, 0.3241, 0.3222



6.7194, 0.5717, 0.2923



0.1967, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 34.5810, 0.2752, 0.3603 looks on a white background.

Color Contrast Check

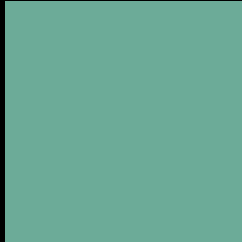
Large Text (above 18pt) WCAG AA × Fail

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 34.5810, 0.2752, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

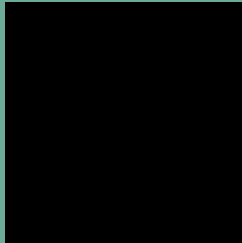
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5810, 0.2752, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 34.5810, 0.2752, 0.3603.

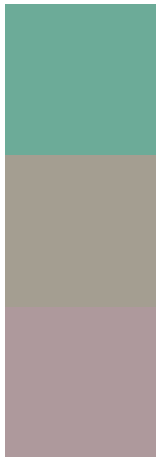


This preview shows how white text looks on a background with the Yxy color 34.5810, 0.2752, 0.3603.

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

34.5810, 0.2752, 0.3603

Protanopia

34.3906, 0.3306, 0.3483

Deuteranopia

34.1814, 0.3311, 0.3248



Tritanopia

34.5776, 0.2600, 0.3087

Trichromacy



Original Color

34.5810, 0.2752, 0.3603

Protanomaly

34.2618, 0.3079, 0.3523

Deuteranomaly

33.9922, 0.3076, 0.3366

Tritanomaly

34.3523, 0.2649, 0.3257

Monochromacy



Original Color

34.5810, 0.2752, 0.3603

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.8390, 0.2971, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5810, 0.2752, 0.3603 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(108, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(108, 171, 152)  
}
```

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(108, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 171, 152) }
```

Border

The CSS property to change the border of an element to Yxy 34.5810, 0.2752, 0.3603 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(108, 171, 152) }
```

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

```
.border{ border-color:rgb(108, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(108, 171,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5810, 0.2752, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 171, 152) }
```

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

```
.background{ background-color: rgb(108,  
171, 152) }
```

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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