

Converting Colors

$Y_{xy}(35.0823, 0.3016, 0.3523)$

Have a look what the booklet for
Yxy(35.0823, 0.3016, 0.3523)
contains.

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Color

Yxy(35.0823, 0.3016, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	8CA697
RGB	140, 166, 151
RGB Percent	55%, 65%, 59%
CMY	0.4511, 0.3490, 0.4079
CMYK	0.16, 0.00, 0.09, 0.35
HSL	145°, 13%, 60%
HSV	145°, 16%, 65%
XYZ	30.0336, 35.0823, 34.4649
YIQ	156.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

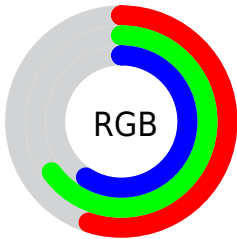
Format	Color
RYB	140, 158, 166
Decimal	9217687
CIELab	65.81, -12.08, 4.75
CIELCh	66, 12.983, 158.519
Yxy	35.0823, 0.3016, 0.3523
Android (android.graphics.Color)	4287407767 (0xFF8CA697)
YUV	156.5160, -2.7194, -14.4845
Hunter-Lab	59.2303, -13.1421, 6.9616

Details

The Yxy color **35.0823, 0.3016, 0.3523** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.2226, 0.3256, 0.3068**, and the grayscale version is **33.5029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5900, 0.3041, 0.3477**, and **15.1284, 0.2986, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **33.4506, 0.2948, 0.3694**, and if you desaturate by 10%, it is **36.9598, 0.3087, 0.3370**.

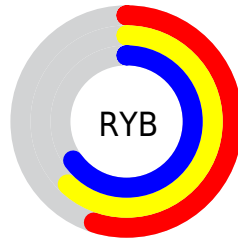
Distribution



Red (55%)

Green (65%)

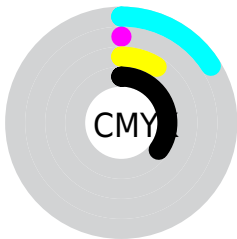
Blue (59%)



Red (55%)

Yellow (62%)

Blue (65%)

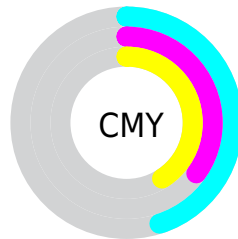


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (45%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0823, 0.3016, 0.3523 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 35.0823, 0.3016, 0.3523 by changing the saturation by 10% instead.


 35.0823, 0.3016,
0.3523


 35.0823, 0.3016,
0.3523


324.9315, 0.3075,
0.3399

 23.7263, 0.3000,
0.3557


 67.6132, 0.3038,
0.3476

 15.1307, 0.2978,
0.3602


 89.5570, 0.3047,
0.3459

 8.9112, 0.2948,
0.3665


 115.7987, 0.3053,
0.3445

 4.6833, 0.2903,
0.3761

146.7228, 0.3059,
0.3433

 2.0627, 0.2826,
0.3921

182.7138, 0.3064,
0.3423

 0.6435, 0.2384,
0.4844

224.1559, 0.3068,

 0.0000, 0.0000,

0.3414

0.0000

271.4337, 0.3072,
0.3406

■ 35.0823, 0.3016,
0.3523

■ 35.0823, 0.3016,
0.3523

■ 33.4506, 0.2948,
0.3694

■ 36.9598, 0.3087,
0.3370

■ 32.0499, 0.2885,
0.3881

■ 39.0883, 0.3158,
0.3233

■ 30.8707, 0.2831,
0.4083

■ 41.4784, 0.3229,
0.3112

■ 29.9008, 0.2787,
0.4297

■ 44.1389, 0.3297,
0.3006

■ 29.1273, 0.2758,
0.4519

■ 47.0780, 0.3364,
0.2913

■ 28.5352, 0.2746,
0.4741

■ 50.3035, 0.3427,
0.2832

■ 28.1077, 0.2753,
0.4957

■ 53.5986, 0.3477,
0.2759

■ 27.8227, 0.2777,
0.5159

■ 54.1144, 0.3393,
0.2668

■ 27.7222, 0.2789,
0.5241

■ 54.6596, 0.3312,
0.2579

Harmonies

Analogous

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



35.0823, 0.3216, 0.3628



35.0823, 0.3016, 0.3523



35.0823, 0.2849, 0.3351

Triad

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



35.0823, 0.3016, 0.3523



35.0823, 0.2858, 0.2958



35.0823, 0.3512, 0.3393

Complementary

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



35.0823, 0.3016, 0.3523



29.2226, 0.3256, 0.3068

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.



35.0823, 0.3410, 0.3223



35.0823, 0.3016, 0.3523



35.0823, 0.3029, 0.2977

Square

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



35.0823, 0.3016, 0.3523



35.0823, 0.2760, 0.3025



35.0823, 0.3231, 0.3073



35.0823, 0.3506, 0.3544

Rectangle

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



35.0823, 0.3016, 0.3523



35.0823, 0.2778, 0.3226



35.0823, 0.3231, 0.3073



35.0823, 0.3489, 0.3336

Sweetspot

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



35.0838, 0.3016, 0.3523



67.2844, 0.3091, 0.3361



36.1536, 0.3251, 0.3683



15.0019, 0.3086, 0.3371



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.0838, 0.3016, 0.3523



62.5271, 0.2991, 0.3584



35.5241, 0.2912, 0.3322



8.4585, 0.3061, 0.3423



21.5031, 0.2785, 0.5225



0.5335, 0.2597, 0.4548

Inverse Universe

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



29.2226, 0.3256, 0.3068



49.7329, 0.3292, 0.3014



28.8137, 0.3392, 0.3258



7.6121, 0.3199, 0.3161



6.9470, 0.4606, 0.2311



0.1789, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 35.0823, 0.3016, 0.3523 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 35.0823, 0.3016, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

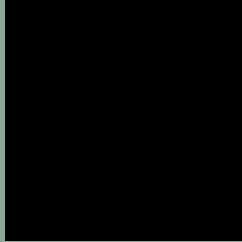
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

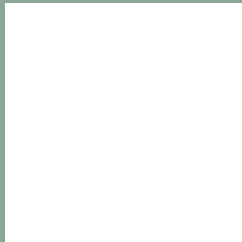
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0823, 0.3016, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 35.0823, 0.3016, 0.3523.



This preview shows how white text looks on a background with the Yxy color 35.0823, 0.3016, 0.3523.

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

35.0823, 0.3016, 0.3523

Protanopia

34.9022, 0.3296, 0.3467

Deuteranopia

34.7582, 0.3369, 0.3305



Tritanopia

34.8651, 0.2856, 0.3096

Trichromacy



Original Color

35.0823, 0.3016, 0.3523

Protanomaly

35.0467, 0.3194, 0.3501

Deuteranomaly

34.6132, 0.3241, 0.3378

Tritanomaly

34.7872, 0.2920, 0.3244

Monochromacy



Original Color

35.0823, 0.3016, 0.3523

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0875, 0.3085, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0823, 0.3016, 0.3523 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(140, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 151)  
}
```

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(140, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 35.0823, 0.3016, 0.3523 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(140, 166, 151) }
```

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

```
.border{ border-color:rgb(140, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0823, 0.3016, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 151) }
```

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

```
.background{ background-color: rgb(140,  
166, 151) }
```

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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