

Converting Colors

$Yxy(34.5265, 0.3017, 0.3785)$

Have a look what the booklet for
Yxy(34.5265, 0.3017, 0.3785)
contains.

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Color

Yxy(34.4294, 0.3016, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	80A88A
RGB	128, 168, 138
RGB Percent	50%, 66%, 54%
CMY	0.4980, 0.3412, 0.4589
CMYK	0.24, 0.00, 0.18, 0.34
HSL	135°, 19%, 58%
HSV	135°, 24%, 66%
XYZ	27.4925, 34.4294, 29.2335
YIQ	152.6200, -14.2100, -17.8100

Conversions

Conversions Part 2

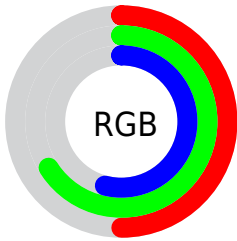
Format	Color
RYB	128, 160, 168
Decimal	8431754
CIELab	65.30, -19.77, 11.15
CIElCh	65, 22.698, 150.573
Yxy	34.4294, 0.3016, 0.3777
Android (android.graphics.Color)	4286621834 (0xFF80A88A)
YUV	152.6200, -7.2077, -21.5917
Hunter-Lab	58.6766, -19.0491, 11.5344

Details

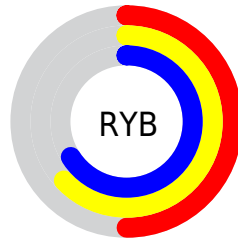
The Yxy color **34.4294, 0.3016, 0.3777** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.2371, 0.3261, 0.2848**, and the grayscale version is **31.7192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3607, 0.3040, 0.3678**, and **14.8151, 0.2976, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **32.8896, 0.2972, 0.4021**, and if you desaturate by 10%, it is **36.2302, 0.3062, 0.3556**.

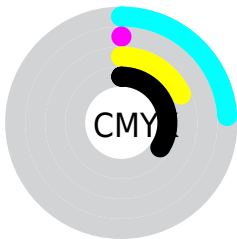
Distribution



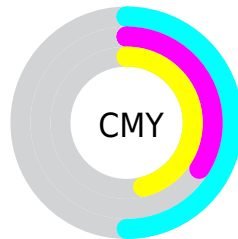
- Red (50%)
- Green (66%)
- Blue (54%)



- Red (50%)
- Yellow (63%)
- Blue (66%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)





- Cyan (50%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4294, 0.3016, 0.3777 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 34.4294, 0.3016, 0.3777 by changing the saturation by 10% instead.

 34.4294, 0.3016,
0.3777

 34.4294, 0.3016,
0.3777


322.0425, 0.3078,
0.3513


 23.2237, 0.2998,
0.3850


 66.6009, 0.3040,
0.3676

 14.7588, 0.2973,
0.3950


 88.3354, 0.3049,
0.3640

 8.6502, 0.2936,
0.4091


 114.3483, 0.3056,
0.3610

 4.5138, 0.2877,
0.4309

145.0240, 0.3062,
0.3584

 1.9649, 0.2768,
0.4685

180.7469, 0.3067,
0.3563

 0.5870, 0.1137,
0.8863

221.9013, 0.3071,

 0.0000, 0.0000,

0.3544

0.0000

268.8717, 0.3075,
0.3528

■ 34.4294, 0.3016,
0.3777

■ 34.4294, 0.3016,
0.3777

■ 32.8896, 0.2972,
0.4021

■ 36.2302, 0.3062,
0.3556

■ 31.5945, 0.2933,
0.4285

■ 38.2990, 0.3109,
0.3359

■ 30.5324, 0.2902,
0.4563

■ 40.6477, 0.3156,
0.3185

■ 29.6891, 0.2882,
0.4845

■ 43.2865, 0.3201,
0.3032

■ 29.0487, 0.2874,
0.5119

■ 46.2247, 0.3244,
0.2900

■ 28.5932, 0.2881,
0.5370

■ 49.4715, 0.3284,
0.2784

■ 28.3009, 0.2901,
0.5585

■ 53.0355, 0.3322,
0.2684

■ 28.1723, 0.2916,
0.5697

■ 55.4913, 0.3296,
0.2583

■ 56.2626, 0.3194,
0.2471

Harmonies

Analogous

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



34.4294, 0.3366, 0.3916



34.4294, 0.3016, 0.3777



34.4294, 0.2708, 0.3482

Triad

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



34.4294, 0.3016, 0.3777



34.4294, 0.2602, 0.2732



34.4294, 0.3779, 0.3379

Complementary

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



34.4294, 0.3016, 0.3777



26.2371, 0.3261, 0.2848

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.



34.4294, 0.3551, 0.3095



34.4294, 0.3016, 0.3777



34.4294, 0.2864, 0.2734

Square

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



34.4294, 0.3016, 0.3777



34.4294, 0.2479, 0.2873



34.4294, 0.3210, 0.2865



34.4294, 0.3819, 0.3657

Rectangle

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



34.4294, 0.3016, 0.3777



34.4294, 0.2563, 0.3254



34.4294, 0.3210, 0.2865



34.4294, 0.3721, 0.3281

Sweetspot

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



34.4308, 0.3016, 0.3777



68.1929, 0.3094, 0.3422



36.9024, 0.3386, 0.3889



14.8167, 0.3091, 0.3433



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.



34.4308, 0.3016, 0.3777



60.8195, 0.2990, 0.3914



35.0423, 0.2864, 0.3458



8.4373, 0.3084, 0.3464



21.2812, 0.2911, 0.5681



0.5257, 0.2733, 0.5039

Inverse Universe

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



26.2371, 0.3261, 0.2848



43.1173, 0.3301, 0.2738



25.6219, 0.3482, 0.3129



7.6342, 0.3174, 0.3122



7.4351, 0.3945, 0.1947



0.1883, 0.3657, 0.1788

Previews

White Background



This preview shows how the Yxy color 34.4294, 0.3016, 0.3777 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 34.4294, 0.3016, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

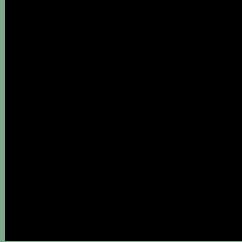
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4294, 0.3016, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 34.4294, 0.3016, 0.3777.



This preview shows how white text looks on a background with the Yxy color 34.4294, 0.3016, 0.3777.

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

34.4294, 0.3016, 0.3777

Protanopia

34.3627, 0.3451, 0.3660

Deuteranopia

33.9633, 0.3515, 0.3447



Tritanopia

34.4799, 0.2773, 0.3092

Trichromacy



Original Color

34.4294, 0.3016, 0.3777

Protanomaly

34.3622, 0.3281, 0.3705

Deuteranomaly

33.8208, 0.3313, 0.3562

Tritanomaly

34.4244, 0.2858, 0.3336

Monochromacy



Original Color

34.4294, 0.3016, 0.3777

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.5211, 0.3081, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4294, 0.3016, 0.3777 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(128, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(128, 168, 138)  
}
```

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(128, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 168, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.4294, 0.3016, 0.3777 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(128, 168, 138) }
```

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

```
.border{ border-color:rgb(128, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(128, 168,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4294, 0.3016, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 168, 138) }
```

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

```
.background{ background-color: rgb(128,  
168, 138) }
```

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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