

Converting Colors

$Yxy(34.5721, 0.3071, 0.3855)$

Have a look what the booklet for
Yxy(34.5721, 0.3071, 0.3855)
contains.

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Color

Yxy(34.4445, 0.3074, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	82A885
RGB	130, 168, 133
RGB Percent	51%, 66%, 52%
CMY	0.4901, 0.3412, 0.4784
CMYK	0.23, 0.00, 0.21, 0.34
HSL	125°, 18%, 58%
HSV	125°, 23%, 66%
XYZ	27.4449, 34.4445, 27.3913
YIQ	152.6480, -11.4130, -18.9410

Conversions

Conversions Part 2

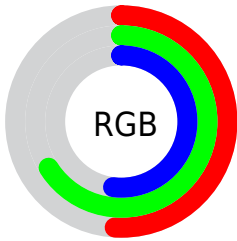
Format	Color
RYB	130, 165, 168
Decimal	8562821
CIELab	65.31, -20.01, 13.94
CIElCh	65, 24.389, 145.136
Yxy	34.4445, 0.3074, 0.3858
Android (android.graphics.Color)	4286752901 (0xFF82A885)
YUV	152.6480, -9.6865, -19.8623
Hunter-Lab	58.6894, -19.2347, 13.4110

Details

The Yxy color $34.4445, 0.3074, 0.3858$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $27.0144, 0.3184, 0.2781$, and the grayscale version is $31.7434, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.5109, 0.3092, 0.3738$, and $14.8208, 0.3054, 0.4072$ is the 20% darker color. If you saturate the color by 10%, you get $32.8269, 0.3050, 0.4157$, and if you desaturate by 10%, it is $36.3451, 0.3098, 0.3587$.

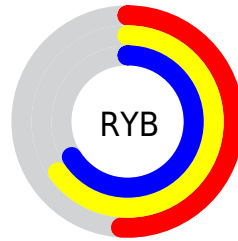
Distribution



Red (51%)

Green (66%)

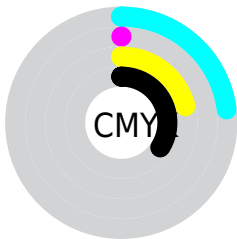
Blue (52%)



Red (51%)

Yellow (65%)

Blue (66%)

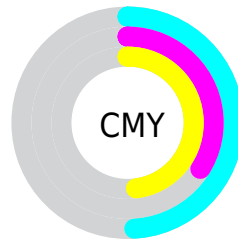


Cyan (23%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (49%)


Magenta (34%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4445, 0.3074, 0.3858 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 34.4445, 0.3074, 0.3858 by changing the saturation by 10% instead.


 34.4445, 0.3074,
0.3858


 34.4445, 0.3074,
0.3858


322.1095, 0.3107,
0.3550


 23.2353, 0.3063,
0.3944


 66.6243, 0.3088,
0.3740

 14.7673, 0.3047,
0.4060


 88.3637, 0.3092,
0.3697

 8.6563, 0.3022,
0.4226


 114.3819, 0.3096,
0.3662

 4.5177, 0.2979,
0.4482

145.0634, 0.3099,
0.3632

 1.9671, 0.2893,
0.4926

180.7925, 0.3102,
0.3607

 0.5883, 0.1072,
0.8928

221.9536, 0.3104,

 0.0000, 0.0000,

0.3585

0.0000

268.9312, 0.3105,
0.3566

■ 34.4445, 0.3074,
0.3858

■ 34.4445, 0.3074,
0.3858

■ 32.8269, 0.3050,
0.4157

■ 36.3451, 0.3098,
0.3587

■ 31.4745, 0.3027,
0.4479

■ 38.5366, 0.3121,
0.3347

■ 30.3746, 0.3006,
0.4811

■ 41.0321, 0.3143,
0.3137

■ 29.5114, 0.2990,
0.5137

■ 43.8427, 0.3163,
0.2955

■ 28.8675, 0.2980,
0.5434

■ 46.9788, 0.3182,
0.2798

■ 28.4230, 0.2978,
0.5680

■ 50.4503, 0.3199,
0.2662

■ 28.1544, 0.2982,
0.5858

■ 54.2669, 0.3214,
0.2546

■ 28.0341, 0.2984,
0.5944

■ 56.4846, 0.3167,
0.2441

Harmonies

Analogous

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



34.4445, 0.3447, 0.3969



34.4445, 0.3074, 0.3858



34.4445, 0.2729, 0.3562

Triad

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



34.4445, 0.3074, 0.3858



34.4445, 0.2529, 0.2708



34.4445, 0.3797, 0.3326

Complementary

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



34.4445, 0.3074, 0.3858



27.0144, 0.3184, 0.2781

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.



34.4445, 0.3522, 0.3030



34.4445, 0.3074, 0.3858



34.4445, 0.2784, 0.2684

Square

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



34.4445, 0.3074, 0.3858



34.4445, 0.2428, 0.2885



34.4445, 0.3145, 0.2801



34.4445, 0.3879, 0.3631

Rectangle

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



34.4445, 0.3074, 0.3858



34.4445, 0.2558, 0.3316



34.4445, 0.3145, 0.2801



34.4445, 0.3724, 0.3223

Sweetspot

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



34.4460, 0.3074, 0.3858



68.0649, 0.3111, 0.3452



37.6665, 0.3436, 0.3846



14.7868, 0.3110, 0.3466



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.



34.4460, 0.3074, 0.3858



61.0091, 0.3062, 0.4001



35.0046, 0.2925, 0.3550



8.4169, 0.3106, 0.3504



21.1740, 0.2982, 0.5936



0.5180, 0.2904, 0.5656

Inverse Universe

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



27.0144, 0.3184, 0.2781



45.1682, 0.3198, 0.2669



26.3872, 0.3387, 0.3044



7.6563, 0.3149, 0.3085



8.0733, 0.3412, 0.1653



0.1993, 0.3338, 0.1613

Previews

White Background



This preview shows how the Yxy color 34.4445, 0.3074, 0.3858 looks on a white background.

Color Contrast Check

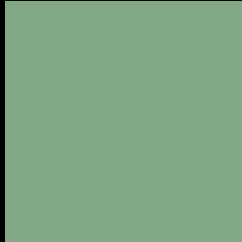
Large Text (above 18pt) WCAG AA × Fail

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 34.4445, 0.3074, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

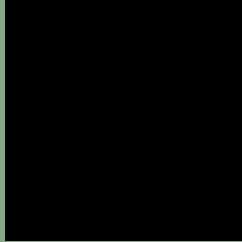
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4445, 0.3074, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 34.4445, 0.3074, 0.3858.



This preview shows how white text looks on a background with the Yxy color 34.4445, 0.3074, 0.3858.

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

34.4445, 0.3074, 0.3858

Protanopia

34.3371, 0.3509, 0.3734

Deuteranopia

34.0578, 0.3587, 0.3518



Tritanopia

34.2542, 0.2796, 0.3092

Trichromacy



Original Color

34.4445, 0.3074, 0.3858

Protanomaly

34.3224, 0.3336, 0.3782

Deuteranomaly

33.8844, 0.3380, 0.3636

Tritanomaly

34.1573, 0.2890, 0.3352

Monochromacy



Original Color

34.4445, 0.3074, 0.3858

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.5488, 0.3109, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4445, 0.3074, 0.3858 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(130, 168, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 133)  
}
```

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(130, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.4445, 0.3074, 0.3858 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(130, 168, 133) }
```

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

```
.border{ border-color:rgb(130, 168, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 168, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 168, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 168,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4445, 0.3074, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 168, 133) }
```

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

```
.background{ background-color: rgb(130,  
168, 133) }
```

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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