

Converting Colors

$Yxy(34.4519, 0.2854, 0.3752)$

Have a look what the booklet for
Yxy(34.4519, 0.2854, 0.3752)
contains.

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Color

Yxy(34.6197, 0.2855, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	71AB8F
RGB	113, 171, 143
RGB Percent	44%, 67%, 56%
CMY	0.5569, 0.3294, 0.4393
CMYK	0.34, 0.00, 0.16, 0.33
HSL	151°, 26%, 56%
HSV	151°, 34%, 67%
XYZ	26.3290, 34.6197, 31.2721
YIQ	150.4660, -25.5800, -21.0040

Conversions

Conversions Part 2

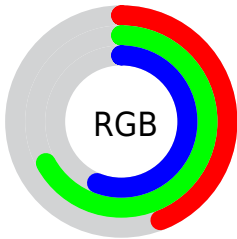
Format	Color
RYB	113, 151, 171
Decimal	7449487
CIELab	65.45, -25.15, 8.48
CIELCh	65, 26.536, 161.369
Yxy	34.6197, 0.2855, 0.3754
Android (android.graphics.Color)	4285639567 (0xFF71AB8F)
YUV	150.4660, -3.6807, -32.8577
Hunter-Lab	58.8385, -23.0922, 9.6749

Details

The Yxy color **34.6197, 0.2855, 0.3754** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.3920, 0.3528, 0.2871**, and the grayscale version is **30.7314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1849, 0.2912, 0.3658**, and **14.7713, 0.2757, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **33.3506, 0.2789, 0.3920**, and if you desaturate by 10%, it is **36.1238, 0.2930, 0.3601**.

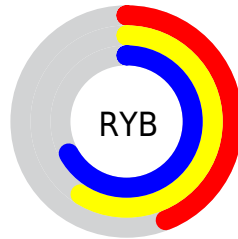
Distribution



Red (44%)

Green (67%)

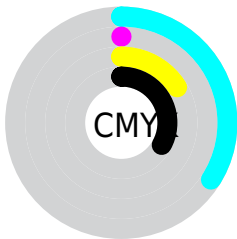
Blue (56%)



Red (44%)

Yellow (59%)

Blue (67%)

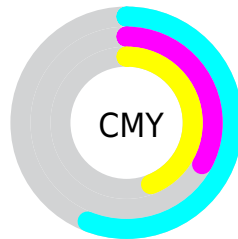


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6197, 0.2855, 0.3754 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 34.6197, 0.2855, 0.3754 by changing the saturation by 10% instead.


 34.6197, 0.2855,
0.3754

 34.6197, 0.2855,
0.3754


322.8865, 0.3001,
0.3503


 23.3701, 0.2815,
0.3824


 66.8962, 0.2911,
0.3658

 14.8670, 0.2761,
0.3918


 88.6919, 0.2931,
0.3623

 8.7261, 0.2684,
0.4052


 114.7717, 0.2948,
0.3595

 4.5630, 0.2568,
0.4258

145.5200, 0.2962,
0.3571

 1.9932, 0.2370,
0.4614

181.3213, 0.2974,
0.3550

 0.6035, 0.0000,
0.9036

222.5598, 0.2984,

 0.0000, 0.0000,

0.3532

0.0000

269.6201, 0.2993,
0.3517

■ 34.6197, 0.2855,
0.3754

■ 34.6197, 0.2855,
0.3754

■ 33.3506, 0.2789,
0.3920

■ 36.1238, 0.2930,
0.3601

■ 32.2997, 0.2735,
0.4096

■ 37.8702, 0.3010,
0.3461

■ 31.4550, 0.2696,
0.4280


■ 39.8708, 0.3094,
0.3336

■ 30.8011, 0.2674,
0.4467


■ 42.1359, 0.3179,
0.3223


■ 30.3206, 0.2672,
0.4654

■ 44.6748, 0.3263,
0.3124


 29.9927, 0.2690,
0.4834

 47.4966, 0.3346,
0.3036

 29.8391, 0.2706,
0.4941

 50.6098, 0.3426,
0.2959

 54.0227, 0.3503,
0.2892

 55.4155, 0.3475,
0.2816

Harmonies

Analogous

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



34.6197, 0.3256, 0.3995



34.6197, 0.2855, 0.3754



34.6197, 0.2541, 0.3368

Triad

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



34.6197, 0.2855, 0.3754



34.6197, 0.2610, 0.2627



34.6197, 0.3934, 0.3507

Complementary

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



34.6197, 0.2855, 0.3754



22.3920, 0.3528, 0.2871

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.



34.6197, 0.3740, 0.3175



34.6197, 0.2855, 0.3754



34.6197, 0.2957, 0.2687

Square

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



34.6197, 0.2855, 0.3754



34.6197, 0.2408, 0.2726



34.6197, 0.3373, 0.2884



34.6197, 0.3892, 0.3812

Rectangle

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



34.6197, 0.2855, 0.3754



34.6197, 0.2416, 0.3105



34.6197, 0.3373, 0.2884



34.6197, 0.3894, 0.3396

Sweetspot

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



34.6211, 0.2855, 0.3754



69.1059, 0.3041, 0.3413



35.9860, 0.3334, 0.4205



15.3046, 0.3030, 0.3430



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.



34.6211, 0.2855, 0.3754



60.1900, 0.2803, 0.3882



35.2152, 0.2653, 0.3273



9.0059, 0.3049, 0.3402



22.5032, 0.2701, 0.4924



0.6370, 0.2550, 0.4379

Inverse Universe

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



22.3920, 0.3528, 0.2871



34.7982, 0.3658, 0.2773



21.8772, 0.3899, 0.3307



8.0774, 0.3214, 0.3181



7.0038, 0.4996, 0.2526



0.2059, 0.4320, 0.2153

Previews

White Background



This preview shows how the Yxy color 34.6197, 0.2855, 0.3754 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 34.6197, 0.2855, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

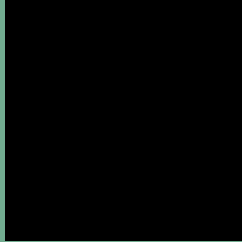
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6197, 0.2855, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 34.6197, 0.2855, 0.3754.



This preview shows how white text looks on a background with the Yxy color 34.6197, 0.2855, 0.3754.

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

34.6197, 0.2855, 0.3754

Protanopia

34.3383, 0.3412, 0.3617

Deuteranopia

34.3540, 0.3441, 0.3376



Tritanopia

34.5921, 0.2648, 0.3088

Trichromacy



Original Color

34.6197, 0.2855, 0.3754

Protanomaly

34.2615, 0.3185, 0.3664

Deuteranomaly

34.0870, 0.3195, 0.3503

Tritanomaly

34.6100, 0.2721, 0.3321

Monochromacy



Original Color

34.6197, 0.2855, 0.3754

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.8787, 0.3023, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6197, 0.2855, 0.3754 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(113, 171, 143)` looks like.

```
.text, #text, p{  
    color:rgb(113, 171, 143)  
}
```

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(113, 171, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 171, 143) }
```

Border

The CSS property to change the border of an element to Yxy 34.6197, 0.2855, 0.3754 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(113, 171, 143) }
```

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

```
.border{ border-color:rgb(113, 171, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 171, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 171, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 171, 143);  
box-shadow:4px 4px 4px 4px rgb(113, 171,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6197, 0.2855, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 171, 143) }
```

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

```
.background{ background-color: rgb(113,  
171, 143) }
```

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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