

Converting Colors

$Yxy(34.1711, 0.3062, 0.3639)$

Have a look what the booklet for
Yxy(34.1711, 0.3062, 0.3639)
contains.

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Color

Yxy(34.2118, 0.3056, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	89A58F
RGB	137, 165, 143
RGB Percent	54%, 65%, 56%
CMY	0.4627, 0.3529, 0.4393
CMYK	0.17, 0.00, 0.13, 0.35
HSL	133°, 13%, 59%
HSV	133°, 17%, 65%
XYZ	28.7308, 34.2118, 31.0717
YIQ	154.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

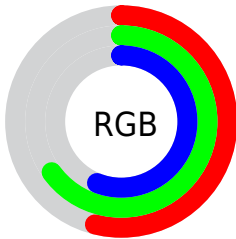
Format	Color
RYB	137, 160, 165
Decimal	9020815
CIELab	65.13, -14.14, 8.21
CIELCh	65, 16.347, 149.866
Yxy	34.2118, 0.3056, 0.3639
Android (android.graphics.Color)	4287210895 (0xFF89A58F)
YUV	154.1200, -5.4822, -15.0142
Hunter-Lab	58.4909, -14.6796, 9.4473

Details

The Yxy color **34.2118, 0.3056, 0.3639** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.3994, 0.3207, 0.2964**, and the grayscale version is **32.3995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2940, 0.3072, 0.3563**, and **14.6268, 0.3029, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **32.5528, 0.3015, 0.3879**, and if you desaturate by 10%, it is **36.1325, 0.3098, 0.3425**.

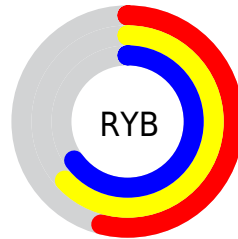
Distribution



Red (54%)

Green (65%)

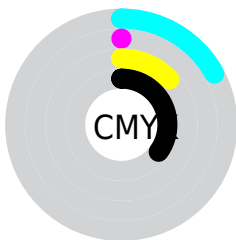
Blue (56%)



Red (54%)

Yellow (63%)

Blue (65%)

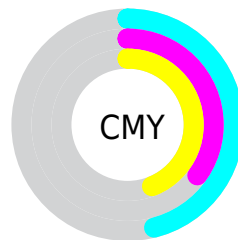


Cyan (17%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (46%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2118, 0.3056, 0.3639 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 34.2118, 0.3056, 0.3639 by changing the saturation by 10% instead.


 34.2118, 0.3056,
0.3639


 34.2118, 0.3056,
0.3639


321.0754, 0.3095,
0.3451

 23.0564, 0.3045,
0.3691

 66.2629, 0.3071,
0.3567

 14.6351, 0.3029,
0.3760


 87.9273, 0.3077,
0.3542

 8.5637, 0.3006,
0.3859


 113.8636, 0.3081,
0.3520

 4.4577, 0.2971,
0.4010

144.4560, 0.3085,
0.3502

 1.9328, 0.2905,
0.4269

180.0890, 0.3088,
0.3487

 0.5680, 0.2412,
0.7035

221.1470, 0.3091,

 0.0000, 0.0000,

0.3473

0.0000

268.0143, 0.3093,
0.3462

■ 34.2118, 0.3056,
0.3639

■ 34.2118, 0.3056,
0.3639

■ 32.5528, 0.3015,
0.3879

■ 36.1325, 0.3098,
0.3425

■ 31.1398, 0.2976,
0.4141

■ 38.3210, 0.3140,
0.3235

■ 29.9625, 0.2943,
0.4423

■ 40.7887, 0.3180,
0.3069

■ 29.0076, 0.2917,
0.4715

■ 43.5451, 0.3218,
0.2924

■ 28.2608, 0.2902,
0.5005

■ 46.5990, 0.3254,
0.2798

■ 27.7061, 0.2899,
0.5279

■ 49.9591, 0.3288,
0.2689

■ 27.3250, 0.2909,
0.5520

■ 53.6335, 0.3320,
0.2595

■ 27.0906, 0.2929,
0.5714

■ 54.8743, 0.3233,
0.2483

■ 27.0333, 0.2935,
0.5765

■ 55.3906, 0.3168,
0.2412

Harmonies

Analogous

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



34.2118, 0.3310, 0.3737



34.2118, 0.3056, 0.3639



34.2118, 0.2828, 0.3435

Triad

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



34.2118, 0.3056, 0.3639



34.2118, 0.2741, 0.2884



34.2118, 0.3593, 0.3355

Complementary

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



34.2118, 0.3056, 0.3639



28.3994, 0.3207, 0.2964

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.



34.2118, 0.3428, 0.3145



34.2118, 0.3056, 0.3639



34.2118, 0.2932, 0.2879

Square

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



34.2118, 0.3056, 0.3639



34.2118, 0.2651, 0.2995



34.2118, 0.3184, 0.2974



34.2118, 0.3626, 0.3559

Rectangle

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



34.2118, 0.3056, 0.3639



34.2118, 0.2719, 0.3274



34.2118, 0.3184, 0.2974



34.2118, 0.3551, 0.3283

Sweetspot

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



34.2132, 0.3056, 0.3639



65.4052, 0.3106, 0.3387



36.1295, 0.3321, 0.3709



14.2444, 0.3103, 0.3400



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.2132, 0.3056, 0.3639



60.2088, 0.3042, 0.3718



34.6512, 0.2944, 0.3420



7.9186, 0.3088, 0.3472



20.4570, 0.2930, 0.5749



0.4361, 0.2755, 0.5118

Inverse Universe

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



28.3994, 0.3207, 0.2964



47.9986, 0.3226, 0.2897



27.9524, 0.3351, 0.3164



7.1762, 0.3168, 0.3115



7.2737, 0.3822, 0.1879



0.1590, 0.3563, 0.1736

Previews

White Background



This preview shows how the Yxy color 34.2118, 0.3056, 0.3639 looks on a white background.

Color Contrast Check

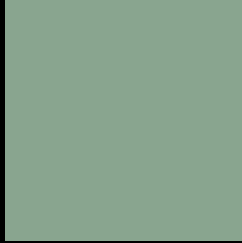
Large Text (above 18pt) WCAG AA × Fail

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 34.2118, 0.3056, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

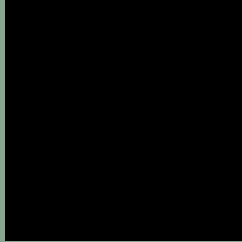
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2118, 0.3056, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 34.2118, 0.3056, 0.3639.



This preview shows how white text looks on a background with the Yxy color 34.2118, 0.3056, 0.3639.

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

34.2118, 0.3056, 0.3639

Protanopia

33.9774, 0.3375, 0.3558

Deuteranopia

33.8789, 0.3443, 0.3376



Tritanopia

34.2577, 0.2854, 0.3109

Trichromacy



Original Color

34.2118, 0.3056, 0.3639

Protanomaly

34.0036, 0.3259, 0.3595

Deuteranomaly

33.8397, 0.3288, 0.3469

Tritanomaly

34.0247, 0.2925, 0.3289

Monochromacy



Original Color

34.2118, 0.3056, 0.3639

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.9516, 0.3102, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2118, 0.3056, 0.3639 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(137, 165, 143)` looks like.

```
.text, #text, p{  
    color:rgb(137, 165, 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(137, 165, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 165, 143) }
```

Border

The CSS property to change the border of an element to Yxy 34.2118, 0.3056, 0.3639 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(137, 165, 143) }
```

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

```
.border{ border-color:rgb(137, 165, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 165, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 165, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 165, 143);  
box-shadow:4px 4px 4px 4px rgb(137, 165,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2118, 0.3056, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 165, 143) }
```

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

```
.background{ background-color: rgb(137,  
165, 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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