

Converting Colors

$Yxy(35.6629, 0.3045, 0.3673)$

Have a look what the booklet for
Yxy(35.6629, 0.3045, 0.3673)
contains.

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Color

Yxy(35.7079, 0.3046, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	89A990
RGB	137, 169, 144
RGB Percent	54%, 66%, 56%
CMY	0.4627, 0.3372, 0.4352
CMYK	0.19, 0.00, 0.15, 0.34
HSL	133°, 16%, 60%
HSV	133°, 19%, 66%
XYZ	29.5400, 35.7079, 31.7317
YIQ	156.5820, -11.0470, -14.5590

Conversions

Conversions Part 2

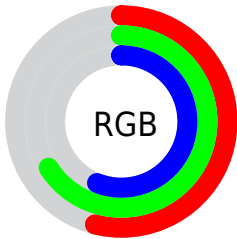
Format	Color
RYB	137, 163, 169
Decimal	9021840
CIELab	66.30, -16.04, 9.29
CIElCh	66, 18.537, 149.922
Yxy	35.7079, 0.3046, 0.3682
Android (android.graphics.Color)	4287211920 (0xFF89A990)
YUV	156.5820, -6.2029, -17.1734
Hunter-Lab	59.7561, -16.3330, 10.3450

Details

The Yxy color **35.7079, 0.3046, 0.3682** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9341, 0.3220, 0.2927**, and the grayscale version is **33.5529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4649, 0.3064, 0.3596**, and **15.5570, 0.3017, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **34.0111, 0.3004, 0.3925**, and if you desaturate by 10%, it is **37.6785, 0.3089, 0.3464**.

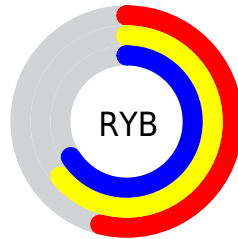
Distribution



Red (54%)

Green (66%)

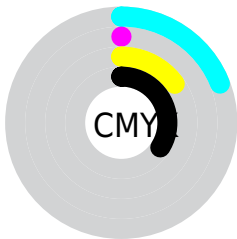
Blue (56%)



Red (54%)

Yellow (64%)

Blue (66%)

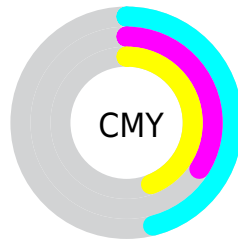


Cyan (19%)

Magenta (0%)

Yellow (15%)

Black (34%)



Cyan (46%)


Magenta (34%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7079, 0.3046, 0.3682 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 35.7079, 0.3046, 0.3682 by changing the saturation by 10% instead.


 35.7079, 0.3046,
0.3682


 35.7079, 0.3046,
0.3682


327.6820, 0.3091,
0.3472


 24.2087, 0.3033,
0.3739


 68.5810, 0.3063,
0.3602

 15.4885, 0.3016,
0.3817


 90.7236, 0.3070,
0.3573

 9.1629, 0.2990,
0.3926


 117.1829, 0.3075,
0.3549

 4.8476, 0.2950,
0.4091

148.3431, 0.3079,
0.3529

 2.1581, 0.2877,
0.4371

184.5888, 0.3083,
0.3512

 0.6970, 0.2515,
0.6470

226.3042, 0.3086,

 0.0000, 0.0000,

0.3497

0.0000

273.8738, 0.3089,
0.3484

■ 35.7079, 0.3046,
0.3682

■ 35.7079, 0.3046,
0.3682

■ 34.0111, 0.3004,
0.3925

■ 37.6785, 0.3089,
0.3464

■ 32.5717, 0.2966,
0.4190

■ 39.9297, 0.3132,
0.3271

■ 31.3782, 0.2933,
0.4473

■ 42.4736, 0.3173,
0.3101

■ 30.4165, 0.2909,
0.4765

■ 45.3202, 0.3213,
0.2953

■ 29.6713, 0.2896,
0.5052

■ 48.4791, 0.3250,
0.2824

■ 29.1250, 0.2896,
0.5320

■ 51.9594, 0.3285,
0.2713

■ 28.7573, 0.2909,
0.5552

■ 55.7129, 0.3316,
0.2616

■ 28.5315, 0.2930,
0.5739

■ 56.5096, 0.3209,
0.2498

■ 28.5109, 0.2932,
0.5756

■ 56.8566, 0.3167,
0.2450

Harmonies

Analogous

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



35.7079, 0.3329, 0.3792



35.7079, 0.3046, 0.3682



35.7079, 0.2793, 0.3451

Triad

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



35.7079, 0.3046, 0.3682



35.7079, 0.2697, 0.2838



35.7079, 0.3649, 0.3361

Complementary

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



35.7079, 0.3046, 0.3682



28.9341, 0.3220, 0.2927

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.



35.7079, 0.3464, 0.3128



35.7079, 0.3046, 0.3682



35.7079, 0.2910, 0.2834

Square

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



35.7079, 0.3046, 0.3682



35.7079, 0.2597, 0.2959



35.7079, 0.3190, 0.2939



35.7079, 0.3686, 0.3588

Rectangle

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



35.7079, 0.3046, 0.3682



35.7079, 0.2672, 0.3270



35.7079, 0.3190, 0.2939



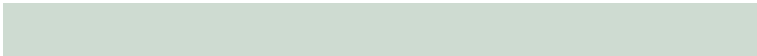
35.7079, 0.3602, 0.3282

Sweetspot

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



35.7094, 0.3046, 0.3682



68.5669, 0.3101, 0.3407



37.8712, 0.3339, 0.3761



14.8924, 0.3098, 0.3419



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.



35.7094, 0.3046, 0.3682



62.5322, 0.3027, 0.3788



36.2307, 0.2919, 0.3429



8.4337, 0.3087, 0.3471



21.2554, 0.2928, 0.5740



0.5244, 0.2760, 0.5135

Inverse Universe

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



28.9341, 0.3220, 0.2927



47.9959, 0.3246, 0.2839



28.4038, 0.3389, 0.3156



7.6380, 0.3169, 0.3116



7.5340, 0.3844, 0.1891



0.1901, 0.3598, 0.1756

Previews

White Background



This preview shows how the Yxy color 35.7079, 0.3046, 0.3682 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 35.7079, 0.3046, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

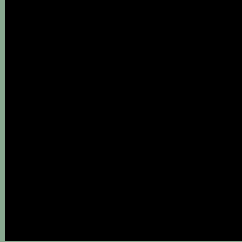
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7079, 0.3046, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 35.7079, 0.3046, 0.3682.



This preview shows how white text looks on a background with the Yxy color 35.7079, 0.3046, 0.3682.

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

35.7079, 0.3046, 0.3682

Protanopia

35.4701, 0.3400, 0.3582

Deuteranopia

35.3730, 0.3467, 0.3403



Tritanopia

35.5649, 0.2833, 0.3097

Trichromacy



Original Color

35.7079, 0.3046, 0.3682

Protanomaly

35.2856, 0.3265, 0.3622

Deuteranomaly

35.2163, 0.3303, 0.3496

Tritanomaly

35.6518, 0.2912, 0.3305

Monochromacy



Original Color

35.7079, 0.3046, 0.3682

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2408, 0.3102, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7079, 0.3046, 0.3682 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, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 169, 144)  
}
```

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, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 169, 144) }
```

Border

The CSS property to change the border of an element to Yxy 35.7079, 0.3046, 0.3682 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, 169, 144) }
```

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

```
.border{ border-color:rgb(137, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(137, 169,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7079, 0.3046, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 169, 144) }
```

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

```
.background{ background-color: rgb(137,  
169, 144) }
```

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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