

Converting Colors

$Yxy(35.0701, 0.3063, 0.3638)$

Have a look what the booklet for
Yxy(35.0701, 0.3063, 0.3638)
contains.

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Color

Yxy(35.1707, 0.3057, 0.3635)

Conversions

Conversions Part 1

Format	Color
Hex	8BA791
RGB	139, 167, 145
RGB Percent	55%, 65%, 57%
CMY	0.4548, 0.3451, 0.4315
CMYK	0.17, 0.00, 0.13, 0.35
HSL	133°, 14%, 60%
HSV	133°, 17%, 65%
XYZ	29.5782, 35.1707, 32.0068
YIQ	156.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

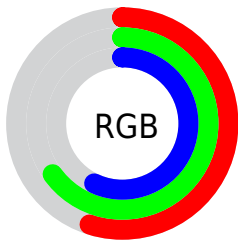
Format	Color
RYB	139, 162, 167
Decimal	9152401
CIELab	65.88, -14.11, 8.19
CIELCh	66, 16.314, 149.852
Yxy	35.1707, 0.3057, 0.3635
Android (android.graphics.Color)	4287342481 (0xFF8BA791)
YUV	156.1200, -5.4822, -15.0142
Hunter-Lab	59.3049, -14.7570, 9.5147

Details

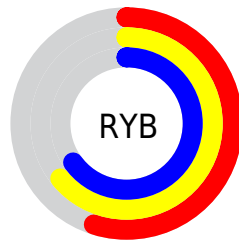
The Yxy color **35.1707, 0.3057, 0.3635** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.2629, 0.3206, 0.2968**, and the grayscale version is **33.3319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7035, 0.3072, 0.3561**, and **15.2115, 0.3030, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **33.4601, 0.3016, 0.3875**, and if you desaturate by 10%, it is **37.1509, 0.3099, 0.3421**.

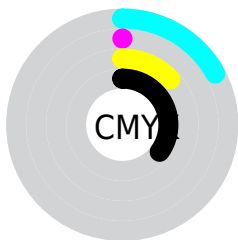
Distribution



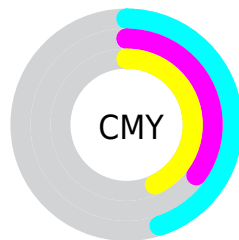
- Red (55%)
- Green (65%)
- Blue (57%)



- Red (55%)
- Yellow (64%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)





- Cyan (45%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1707, 0.3057, 0.3635 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 35.1707, 0.3057, 0.3635 by changing the saturation by 10% instead.


 35.1707, 0.3057,
0.3635


 35.1707, 0.3057,
0.3635


325.3212, 0.3096,
0.3450


 23.7944, 0.3046,
0.3686


 67.7501, 0.3072,
0.3565

 15.1812, 0.3031,
0.3753


 89.7220, 0.3077,
0.3539

 8.9466, 0.3009,
0.3849


 115.9946, 0.3082,
0.3518

 4.7064, 0.2975,
0.3995

146.9522, 0.3085,
0.3500

 2.0760, 0.2913,
0.4241

182.9793, 0.3089,
0.3485

 0.6511, 0.2585,
0.6133

224.4602, 0.3091,

 0.0000, 0.0000,

0.3472

0.0000

271.7794, 0.3094,
0.3461

■ 35.1707, 0.3057,
0.3635

■ 35.1707, 0.3057,
0.3635

■ 33.4601, 0.3016,
0.3875

■ 37.1509, 0.3099,
0.3421

■ 32.0030, 0.2977,
0.4138

■ 39.4070, 0.3141,
0.3231

■ 30.7885, 0.2944,
0.4419

■ 41.9506, 0.3181,
0.3065

■ 29.8033, 0.2918,
0.4712

■ 44.7916, 0.3219,
0.2921

■ 29.0326, 0.2902,
0.5003

■ 47.9391, 0.3255,
0.2795

■ 28.4598, 0.2899,
0.5277

■ 51.4019, 0.3288,
0.2686

■ 28.0660, 0.2909,
0.5519

■ 55.0128, 0.3312,
0.2590

■ 27.8243, 0.2930,
0.5714

■ 55.8098, 0.3205,
0.2473

■ 27.7620, 0.2935,
0.5767

■ 56.1176, 0.3167,
0.2431

Harmonies

Analogous

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



35.1707, 0.3308, 0.3732



35.1707, 0.3057, 0.3635



35.1707, 0.2831, 0.3433

Triad

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



35.1707, 0.3057, 0.3635



35.1707, 0.2745, 0.2889



35.1707, 0.3588, 0.3355

Complementary

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



35.1707, 0.3057, 0.3635



29.2629, 0.3206, 0.2968

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.



35.1707, 0.3425, 0.3146



35.1707, 0.3057, 0.3635



35.1707, 0.2934, 0.2884

Square

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



35.1707, 0.3057, 0.3635



35.1707, 0.2656, 0.2999



35.1707, 0.3183, 0.2977



35.1707, 0.3621, 0.3556

Rectangle

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



35.1707, 0.3057, 0.3635



35.1707, 0.2724, 0.3274



35.1707, 0.3183, 0.2977



35.1707, 0.3546, 0.3284

Sweetspot

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



35.1722, 0.3057, 0.3635



67.1710, 0.3106, 0.3387



37.1216, 0.3318, 0.3704



14.9733, 0.3103, 0.3401



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.



35.1722, 0.3057, 0.3635



61.8299, 0.3042, 0.3719



35.6183, 0.2946, 0.3419



8.4329, 0.3088, 0.3473



21.2498, 0.2931, 0.5753



0.5241, 0.2766, 0.5158

Inverse Universe

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



29.2629, 0.3206, 0.2968



49.2852, 0.3226, 0.2896



28.8076, 0.3348, 0.3165



7.6389, 0.3168, 0.3114



7.5579, 0.3820, 0.1878



0.1905, 0.3584, 0.1748

Previews

White Background



This preview shows how the Yxy color 35.1707, 0.3057, 0.3635 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 35.1707, 0.3057, 0.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

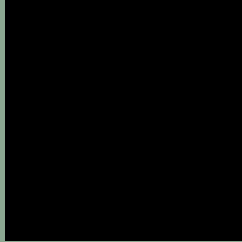
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1707, 0.3057, 0.3635

Background



This preview shows how black text looks on a background with the Yxy color 35.1707, 0.3057, 0.3635.



This preview shows how white text looks on a background with the Yxy color 35.1707, 0.3057, 0.3635.

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

35.1707, 0.3057, 0.3635

Protanopia

34.9349, 0.3372, 0.3555

Deuteranopia

34.9526, 0.3450, 0.3375



Tritanopia

35.2583, 0.2849, 0.3097

Trichromacy



Original Color

35.1707, 0.3057, 0.3635

Protanomaly

34.9618, 0.3257, 0.3592

Deuteranomaly

34.9022, 0.3296, 0.3467

Tritanomaly

35.0183, 0.2919, 0.3274

Monochromacy



Original Color

35.1707, 0.3057, 0.3635

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.8926, 0.3102, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1707, 0.3057, 0.3635 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(139, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 145)  
}
```

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(139, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.1707, 0.3057, 0.3635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

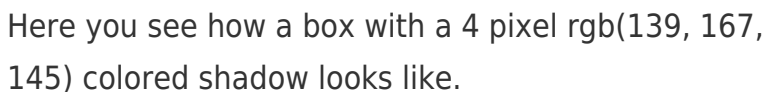
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 167, 145) }
```

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

```
.border{ border-color:rgb(139, 167, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 167, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 167, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 167, 145); box-shadow:4px 4px 4px 4px rgb(139, 167, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1707, 0.3057, 0.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 145) }
```

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

```
.background{ background-color: rgb(139,  
167, 145) }
```

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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