

Converting Colors

$Yxy(35.1096, 0.3073, 0.3667)$

Have a look what the booklet for
Yxy(35.1096, 0.3073, 0.3667)
contains.

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Color

Yxy(35.1096, 0.3073, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	8BA78F
RGB	139, 167, 143
RGB Percent	55%, 65%, 56%
CMY	0.4550, 0.3451, 0.4392
CMYK	0.17, 0.00, 0.14, 0.35
HSL	129°, 14%, 60%
HSV	129°, 17%, 65%
XYZ	29.4224, 35.1096, 31.2128
YIQ	155.8920, -8.9840, -13.4000

Conversions

Conversions Part 2

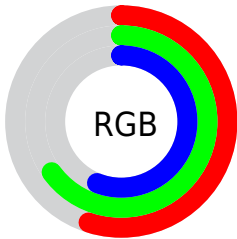
Format	Color
RYB	139, 164, 167
Decimal	9152399
CIELab	65.83, -14.50, 9.22
CIElCh	66, 17.183, 147.546
Yxy	35.1096, 0.3073, 0.3667
Android (android.graphics.Color)	4287342479 (0xFF8BA78F)
YUV	155.8920, -6.3558, -14.8143
Hunter-Lab	59.2534, -15.0589, 10.2453

Details

The Yxy color **35.1096, 0.3073, 0.3667** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.3217, 0.3186, 0.2940**, and the grayscale version is **33.2266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6112, 0.3085, 0.3585**, and **15.1756, 0.3053, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **33.3754, 0.3041, 0.3929**, and if you desaturate by 10%, it is **37.1217, 0.3106, 0.3433**.

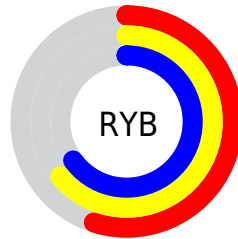
Distribution



Red (55%)

Green (65%)

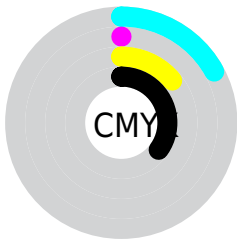
Blue (56%)



Red (55%)

Yellow (64%)

Blue (65%)

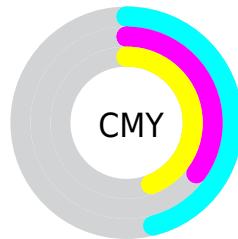


Cyan (17%)

Magenta (0%)

Yellow (14%)

Black (35%)



Cyan (46%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1096, 0.3073, 0.3667 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 35.1096, 0.3073, 0.3667 by changing the saturation by 10% instead.


 35.1096, 0.3073,
0.3667

 35.1096, 0.3073,
0.3667


325.0518, 0.3104,
0.3465


 23.7473, 0.3064,
0.3722


 67.6555, 0.3085,
0.3590

 15.1463, 0.3051,
0.3797

 89.6079, 0.3089,
0.3562

 8.9221, 0.3033,
0.3902


 115.8592, 0.3093,
0.3539

 4.6904, 0.3003,
0.4063

146.7937, 0.3096,
0.3520

 2.0668, 0.2947,
0.4335

182.7958, 0.3098,
0.3503

 0.6458, 0.2695,
0.6697

224.2499, 0.3100,

 0.0000, 0.0000,

0.3489

0.0000

271.5405, 0.3102,
0.3476

■ 35.1096, 0.3073,
0.3667

■ 35.1096, 0.3073,
0.3667

■ 33.3754, 0.3041,
0.3929

■ 37.1217, 0.3106,
0.3433

■ 31.9026, 0.3010,
0.4216

■ 39.4186, 0.3137,
0.3226

■ 30.6798, 0.2982,
0.4522


■ 42.0122, 0.3167,
0.3046

■ 29.6930, 0.2960,
0.4836


■ 44.9128, 0.3196,
0.2890

■ 28.9269, 0.2947,
0.5143


■ 48.1299, 0.3222,
0.2754


 28.3641, 0.2942,
0.5422


 51.6727, 0.3246,
0.2638

 27.9848, 0.2948,
0.5656

 55.3806, 0.3261,
0.2535

 27.7612, 0.2962,
0.5831

 56.1200, 0.3167,
0.2431

 27.7057, 0.2965,
0.5875

Harmonies

Analogous

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



35.1096, 0.3336, 0.3759



35.1096, 0.3073, 0.3667



35.1096, 0.2831, 0.3460

Triad

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



35.1096, 0.3073, 0.3667



35.1096, 0.2713, 0.2873



35.1096, 0.3604, 0.3340

Complementary

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



35.1096, 0.3073, 0.3667



29.3217, 0.3186, 0.2940

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.



35.1096, 0.3423, 0.3123



35.1096, 0.3073, 0.3667



35.1096, 0.2906, 0.2859

Square

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



35.1096, 0.3073, 0.3667



35.1096, 0.2630, 0.2996



35.1096, 0.3165, 0.2951



35.1096, 0.3650, 0.3554

Rectangle

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



35.1096, 0.3073, 0.3667



35.1096, 0.2713, 0.3292



35.1096, 0.3165, 0.2951



35.1096, 0.3557, 0.3265

Sweetspot

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



35.1111, 0.3073, 0.3667



67.1340, 0.3111, 0.3396



37.3189, 0.3337, 0.3702



14.9640, 0.3109, 0.3411



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.



35.1111, 0.3073, 0.3667



61.7063, 0.3061, 0.3758



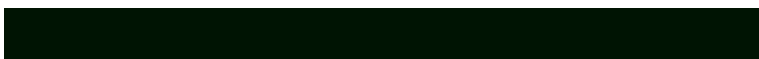
35.5531, 0.2961, 0.3448



8.4246, 0.3097, 0.3489



21.2033, 0.2962, 0.5863



0.5209, 0.2834, 0.5402

Inverse Universe

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



29.3217, 0.3186, 0.2940



49.4343, 0.3201, 0.2863



28.8559, 0.3329, 0.3138



7.6479, 0.3158, 0.3099



7.8113, 0.3600, 0.1757



0.1949, 0.3453, 0.1676

Previews

White Background



This preview shows how the Yxy color 35.1096, 0.3073, 0.3667 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 35.1096, 0.3073, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

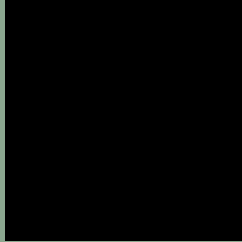
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1096, 0.3073, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 35.1096, 0.3073, 0.3667.



This preview shows how white text looks on a background with the Yxy color 35.1096, 0.3073, 0.3667.

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

35.1096, 0.3073, 0.3667

Protanopia

34.8758, 0.3391, 0.3585

Deuteranopia

34.8898, 0.3470, 0.3404



Tritanopia

34.9555, 0.2864, 0.3096

Trichromacy



Original Color

35.1096, 0.3073, 0.3667

Protanomaly

34.9022, 0.3276, 0.3623

Deuteranomaly

34.8399, 0.3315, 0.3497

Tritanomaly

35.0349, 0.2944, 0.3305

Monochromacy



Original Color

35.1096, 0.3073, 0.3667

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.8600, 0.3111, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1096, 0.3073, 0.3667 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 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(139, 167, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 143) }
```

Border

The CSS property to change the border of an element to Yxy 35.1096, 0.3073, 0.3667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

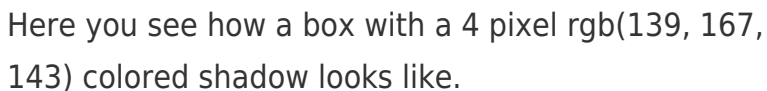
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 167, 143) }
```

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

```
.border{ border-color:rgb(139, 167, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 167, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 167, 143); box-shadow:4px 4px 4px 4px rgb(139, 167, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1096, 0.3073, 0.3667 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, 143) }
```

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

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