

Converting Colors

$Yxy(35.1483, 0.3050, 0.3650)$

Have a look what the booklet for
Yxy(35.1483, 0.3050, 0.3650)
contains.

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Color

Yxy(35.0543, 0.3056, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	8AA790
RGB	138, 167, 144
RGB Percent	54%, 65%, 56%
CMY	0.4588, 0.3451, 0.4354
CMYK	0.17, 0.00, 0.14, 0.35
HSL	132°, 14%, 60%
HSV	132°, 17%, 65%
XYZ	29.3335, 35.0543, 31.5988
YIQ	155.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

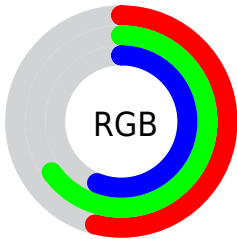
Format	Color
RYB	138, 162, 167
Decimal	9086864
CIELab	65.79, -14.65, 8.60
CIELCh	66, 16.994, 149.579
Yxy	35.0543, 0.3056, 0.3652
Android (android.graphics.Color)	4287276944 (0xFF8AA790)
YUV	155.7070, -5.7716, -15.5290
Hunter-Lab	59.2067, -15.1752, 9.8014

Details

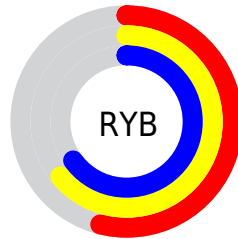
The Yxy color **35.0543, 0.3056, 0.3652** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9686, 0.3207, 0.2953**, and the grayscale version is **33.1384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5262, 0.3072, 0.3573**, and **15.1443, 0.3029, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **33.3572, 0.3016, 0.3895**, and if you desaturate by 10%, it is **37.0210, 0.3097, 0.3434**.

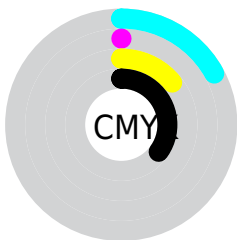
Distribution



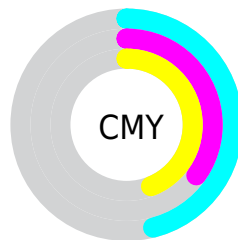
- Red (54%)
- Green (65%)
- Blue (56%)



- Red (54%)
- 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 35.0543, 0.3056, 0.3652 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 35.0543, 0.3056, 0.3652 by changing the saturation by 10% instead.


 35.0543, 0.3056,
0.3652

 35.0543, 0.3056,
0.3652


324.8079, 0.3095,
0.3458


 23.7047, 0.3045,
0.3705


 67.5699, 0.3071,
0.3578

 15.1147, 0.3029,
0.3777


 89.5047, 0.3077,
0.3551

 8.8999, 0.3007,
0.3878


 115.7366, 0.3081,
0.3529

 4.6760, 0.2971,
0.4032

146.6501, 0.3085,
0.3511

 2.0584, 0.2906,
0.4293

182.6296, 0.3088,
0.3495

 0.6411, 0.2544,
0.6481

224.0595, 0.3091,

 0.0000, 0.0000,

0.3481

0.0000

271.3242, 0.3093,
0.3469

■ 35.0543, 0.3056,
0.3652

■ 35.0543, 0.3056,
0.3652

■ 33.3572, 0.3016,
0.3895

■ 37.0210, 0.3097,
0.3434

■ 31.9137, 0.2978,
0.4162

■ 39.2637, 0.3138,
0.3242

■ 30.7127, 0.2946,
0.4447

■ 41.7943, 0.3177,
0.3073

■ 29.7408, 0.2921,
0.4742

■ 44.6225, 0.3214,
0.2926

■ 28.9829, 0.2906,
0.5034

■ 47.7575, 0.3250,
0.2798

■ 28.4224, 0.2903,
0.5307

■ 51.2083, 0.3283,
0.2688

■ 28.0401, 0.2914,
0.5546

■ 54.9835, 0.3313,
0.2592

■ 27.8068, 0.2934,
0.5736

■ 55.8037, 0.3206,
0.2474

■ 27.7569, 0.2939,
0.5779

■ 56.1189, 0.3167,
0.2431

Harmonies

Analogous

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



35.0543, 0.3317, 0.3752



35.0543, 0.3056, 0.3652



35.0543, 0.2821, 0.3442

Triad

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



35.0543, 0.3056, 0.3652



35.0543, 0.2727, 0.2873



35.0543, 0.3607, 0.3355

Complementary

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



35.0543, 0.3056, 0.3652



28.9686, 0.3207, 0.2953

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.



35.0543, 0.3435, 0.3138



35.0543, 0.3056, 0.3652



35.0543, 0.2924, 0.2867

Square

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



35.0543, 0.3056, 0.3652



35.0543, 0.2637, 0.2987



35.0543, 0.3183, 0.2963



35.0543, 0.3642, 0.3565

Rectangle

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



35.0543, 0.3056, 0.3652



35.0543, 0.2708, 0.3276



35.0543, 0.3183, 0.2963



35.0543, 0.3563, 0.3281

Sweetspot

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



35.0558, 0.3056, 0.3652



67.1675, 0.3106, 0.3388



37.0723, 0.3325, 0.3719



14.9724, 0.3104, 0.3402



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.



35.0558, 0.3056, 0.3652



61.5015, 0.3040, 0.3747



35.5218, 0.2940, 0.3424



8.4321, 0.3089, 0.3474



21.2447, 0.2935, 0.5765



0.5238, 0.2772, 0.5180

Inverse Universe

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



28.9686, 0.3207, 0.2953



48.4501, 0.3229, 0.2873



28.4919, 0.3358, 0.3161



7.6397, 0.3168, 0.3113



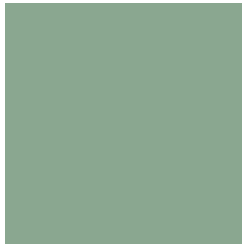
7.5806, 0.3799, 0.1866



0.1909, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 35.0543, 0.3056, 0.3652 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 35.0543, 0.3056, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

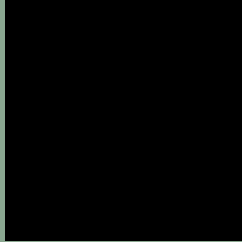
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0543, 0.3056, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 35.0543, 0.3056, 0.3652.



This preview shows how white text looks on a background with the Yxy color 35.0543, 0.3056, 0.3652.

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

35.0543, 0.3056, 0.3652

Protanopia

34.9052, 0.3382, 0.3570

Deuteranopia

34.9211, 0.3460, 0.3389



Tritanopia

35.1292, 0.2848, 0.3111

Trichromacy



Original Color

35.0543, 0.3056, 0.3652

Protanomaly

34.8317, 0.3257, 0.3608

Deuteranomaly

34.8709, 0.3305, 0.3482

Tritanomaly

34.8940, 0.2919, 0.3289

Monochromacy



Original Color

35.0543, 0.3056, 0.3652

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7982, 0.3093, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0543, 0.3056, 0.3652 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(138, 167, 144)` looks like.

```
.text, #text, p{  
    color:rgb(138, 167, 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(138, 167, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 167, 144) }
```

Border

The CSS property to change the border of an element to Yxy 35.0543, 0.3056, 0.3652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

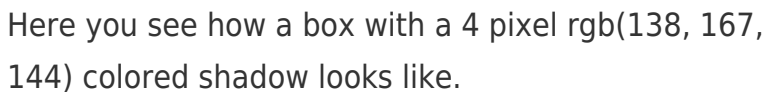
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 167, 144) }
```

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

```
.border{ border-color:rgb(138, 167, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 167, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 167, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 167, 144); box-shadow:4px 4px 4px 4px rgb(138, 167, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0543, 0.3056, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 167, 144) }
```

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

```
.background{ background-color: rgb(138,  
167, 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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