

Converting Colors

$Yxy(35.2267, 0.3288, 0.3255)$

Have a look what the booklet for
Yxy(35.2267, 0.3288, 0.3255)
contains.

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Color

Yxy(35.2442, 0.3287, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	AE9C9E
RGB	174, 156, 158
RGB Percent	68%, 61%, 62%
CMY	0.3177, 0.3882, 0.3803
CMYK	0.00, 0.10, 0.09, 0.32
HSL	353°, 10%, 65%
HSV	353°, 10%, 68%
XYZ	35.5143, 35.2442, 37.2862
YIQ	161.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

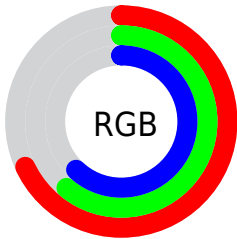
Format	Color
RYB	174, 156, 158
Decimal	11443358
CIELab	65.94, 6.95, 1.35
CIELCh	66, 7.076, 10.988
Yxy	35.2442, 0.3287, 0.3262
Android (android.graphics.Color)	4289633438 (0xFFAE9C9E)
YUV	161.6100, -1.7797, 10.8660
Hunter-Lab	59.3668, 2.8900, 4.3188

Details

The Yxy color **35.2442, 0.3287, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3131, 0.2987, 0.3318**, and the grayscale version is **35.9449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7203, 0.3256, 0.3258**, and **15.3023, 0.3342, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **29.3192, 0.3480, 0.3233**, and if you desaturate by 10%, it is **42.0756, 0.3132, 0.3289**.

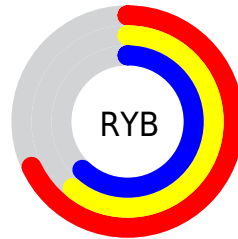
Distribution



Red (68%)

Green (61%)

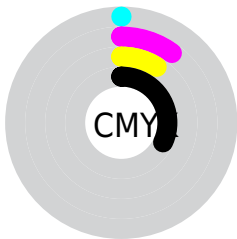
Blue (62%)



Red (68%)

Yellow (61%)

Blue (62%)

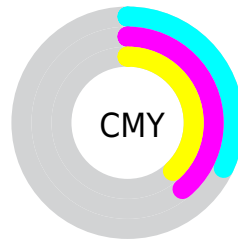


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (32%)



Cyan (32%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2442, 0.3287, 0.3262 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 35.2442, 0.3287, 0.3262 by changing the saturation by 10% instead.


 35.2442, 0.3287,
0.3262


 35.2442, 0.3287,
0.3262


325.6449, 0.3203,
0.3277

 23.8510, 0.3309,
0.3258

 67.8639, 0.3256,
0.3268

 15.2232, 0.3339,
0.3252


 89.8592, 0.3244,
0.3270

 8.9762, 0.3380,
0.3245


116.1574, 0.3234,
0.3272

 4.7256, 0.3441,
0.3233

147.1429, 0.3226,
0.3273

 2.0872, 0.3540,
0.3213

183.1999, 0.3219,
0.3274

 0.6574, 0.3832,
0.3171


224.7130, 0.3213,

 0.0000, 0.0000,


0.3275

0.0000


272.0666, 0.3208,
0.3276

 35.2442, 0.3287,
0.3262


 35.2442, 0.3287,
0.3262

 29.3192, 0.3480,
0.3233


 42.0756, 0.3132,
0.3289


 24.2582, 0.3718,
0.3203


 49.8444, 0.3006,
0.3314


 20.0221, 0.4010,
0.3174

 58.5858, 0.2905,
0.3337

 16.5671, 0.4360,
0.3149

 68.3319, 0.2822,
0.3357

 13.8455, 0.4764,
0.3132

 79.1132, 0.2754,
0.3376

■ 11.8040, 0.5203,
0.3129

■ 87.4656, 0.2691,
0.3335

■ 10.3826, 0.5636,
0.3145

■ 87.7371, 0.2671,
0.3289

■ 9.5102, 0.6004,
0.3182

■ 9.0457, 0.6259,
0.3222

Harmonies

Analogous

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



35.2442, 0.3194, 0.3176



35.2442, 0.3287, 0.3262



35.2442, 0.3337, 0.3357

Triad

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



35.2442, 0.3287, 0.3262



35.2442, 0.3168, 0.3468



35.2442, 0.2928, 0.3142

Complementary

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



35.2442, 0.3287, 0.3262



40.3131, 0.2987, 0.3318

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.



35.2442, 0.2922, 0.3218



35.2442, 0.3287, 0.3262



35.2442, 0.3059, 0.3408

Square

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



35.2442, 0.3287, 0.3262



35.2442, 0.3268, 0.3478



35.2442, 0.2969, 0.3316



35.2442, 0.2987, 0.3107

Rectangle

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



35.2442, 0.3287, 0.3262



35.2442, 0.3339, 0.3413



35.2442, 0.2969, 0.3316



35.2442, 0.2920, 0.3163

Sweetspot

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



35.2458, 0.3287, 0.3262



72.7987, 0.3171, 0.3282



35.5930, 0.3119, 0.3040



15.9548, 0.3183, 0.3280



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.2458, 0.3287, 0.3262



61.8003, 0.3320, 0.3257



37.5563, 0.3295, 0.3387



8.0294, 0.3269, 0.3265



6.5667, 0.6241, 0.3212



0.1872, 0.5688, 0.2907

Inverse Universe

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



35.2458, 0.3287, 0.3262



61.8003, 0.3320, 0.3257



37.7962, 0.2970, 0.3191



8.0294, 0.3269, 0.3265



6.5667, 0.6241, 0.3212



0.1872, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 35.2442, 0.3287, 0.3262 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 35.2442, 0.3287, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

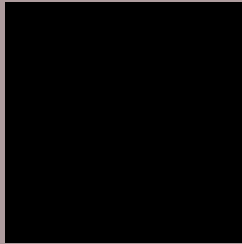
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2442, 0.3287, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 35.2442, 0.3287, 0.3262.



This preview shows how white text looks on a background with the Yxy color 35.2442, 0.3287, 0.3262.

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

35.2442, 0.3287, 0.3262

Protanopia

35.4662, 0.3156, 0.3290

Deuteranopia

35.1414, 0.3309, 0.3248



Tritanopia

35.3467, 0.3214, 0.3123

Trichromacy



Original Color

35.2442, 0.3287, 0.3262

Protanomaly

35.5150, 0.3205, 0.3290

Deuteranomaly

35.0253, 0.3299, 0.3248

Tritanomaly

35.2370, 0.3242, 0.3164

Monochromacy



Original Color

35.2442, 0.3287, 0.3262

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.8218, 0.3176, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2442, 0.3287, 0.3262 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(174, 156, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 158)  
}
```

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(174, 156, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 158) }
```

Border

The CSS property to change the border of an element to Yxy 35.2442, 0.3287, 0.3262 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(174, 156, 158) }
```

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

```
.border{ border-color:rgb(174, 156, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2442, 0.3287, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 158) }
```

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

```
.background{ background-color: rgb(174,  
156, 158) }
```

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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