

Converting Colors

Yxy(35.9139, 0.3306, 0.3604)

Have a look what the booklet for
Yxy(35.9139, 0.3306, 0.3604)
contains.

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Color

Yxy(35.8288, 0.3305, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	A2A38E
RGB	162, 163, 142
RGB Percent	64%, 64%, 56%
CMY	0.3648, 0.3607, 0.4432
CMYK	0.01, 0.00, 0.13, 0.36
HSL	63°, 10%, 60%
HSV	63°, 13%, 64%
XYZ	32.8746, 35.8288, 30.7658
YIQ	160.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

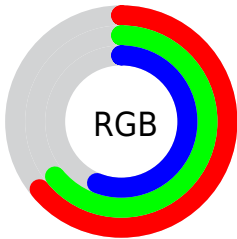
Format	Color
RYB	142, 163, 143
Decimal	10658702
CIELab	66.39, -4.15, 10.81
CIELCh	66, 11.579, 110.997
Yxy	35.8288, 0.3305, 0.3602
Android (android.graphics.Color)	4288848782 (0xFFA2A38E)
YUV	160.3070, -9.0254, 1.4848
Hunter-Lab	59.8572, -6.7148, 11.4257

Details

The Yxy color **35.8288, 0.3305, 0.3602** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.8265, 0.2937, 0.2960**, and the grayscale version is **35.3417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8800, 0.3269, 0.3538**, and **15.4566, 0.3355, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **35.2918, 0.3445, 0.3851**, and if you desaturate by 10%, it is **36.4411, 0.3167, 0.3359**.

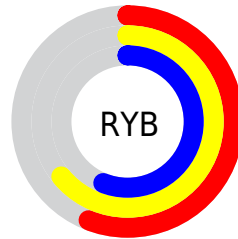
Distribution



Red (64%)

Green (64%)

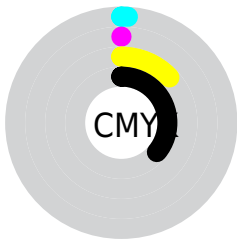
Blue (56%)



Red (56%)

Yellow (64%)

Blue (56%)

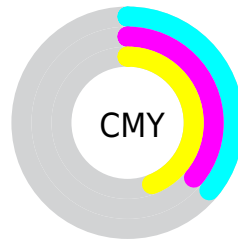


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (36%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8288, 0.3305, 0.3602 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 35.8288, 0.3305, 0.3602 by changing the saturation by 10% instead.


 35.8288, 0.3305,
0.3602

 35.8288, 0.3305,
0.3602

328.2116, 0.3213,
0.3438


 24.3020, 0.3329,
0.3646


 68.7677, 0.3271,
0.3540

 15.5578, 0.3360,
0.3704


 90.9487, 0.3258,
0.3518

 9.2118, 0.3403,
0.3785


 117.4498, 0.3248,
0.3499

 4.8796, 0.3464,
0.3905

148.6554, 0.3239,
0.3483

 2.1768, 0.3559,
0.4100

184.9501, 0.3231,
0.3469

 0.7073, 0.4417,
0.5472

226.7181, 0.3224,

 0.0000, 0.0000,

0.3457

0.0000

274.3438, 0.3218,
0.3447

■ 35.8288, 0.3305,
0.3602

■ 35.8288, 0.3305,
0.3602

■ 35.2918, 0.3445,
0.3851

■ 36.4411, 0.3167,
0.3359

■ 34.8224, 0.3584,
0.4099

■ 37.1268, 0.3033,
0.3126

■ 34.4186, 0.3715,
0.4337

■ 37.8903, 0.2907,
0.2908

■ 34.0770, 0.3834,
0.4556

■ 38.7343, 0.2789,
0.2705

■ 33.7936, 0.3935,
0.4746

■ 39.6612, 0.2681,
0.2519

■ 33.5640, 0.4014,
0.4901

■ 40.6733, 0.2581,
0.2349

■ 33.3831, 0.4068,
0.5015

■ 41.7026, 0.2497,
0.2205

■ 33.2449, 0.4097,
0.5086

■ 41.7912, 0.2503,
0.2207

■ 33.1627, 0.4108,
0.5120

■ 41.8803, 0.2508,
0.2209

Harmonies

Analogous

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



35.8288, 0.3433, 0.3557



35.8288, 0.3305, 0.3602



35.8288, 0.3132, 0.3559

Triad

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



35.8288, 0.3305, 0.3602



35.8288, 0.2789, 0.3123



35.8288, 0.3291, 0.3148

Complementary

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



35.8288, 0.3305, 0.3602



27.8265, 0.2937, 0.2960

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.



35.8288, 0.3114, 0.3040



35.8288, 0.3305, 0.3602



35.8288, 0.2828, 0.3022

Square

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



35.8288, 0.3305, 0.3602



35.8288, 0.2837, 0.3275



35.8288, 0.2946, 0.2993



35.8288, 0.3425, 0.3294

Rectangle

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



35.8288, 0.3305, 0.3602



35.8288, 0.3015, 0.3485



35.8288, 0.2946, 0.2993



35.8288, 0.3234, 0.3107

Sweetspot

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



35.8304, 0.3305, 0.3602



65.1158, 0.3183, 0.3387



29.2898, 0.3355, 0.3301



14.6061, 0.3192, 0.3404



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



35.8304, 0.3305, 0.3602



63.9167, 0.3338, 0.3661



34.8075, 0.3205, 0.3612



8.2193, 0.3254, 0.3513



25.7746, 0.4109, 0.5120



0.5466, 0.4142, 0.5094

Inverse Universe

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



27.8265, 0.2937, 0.2960



47.2201, 0.2899, 0.2893



28.7766, 0.3040, 0.2970



6.8759, 0.2994, 0.3058



2.1016, 0.1520, 0.0611



0.0489, 0.1615, 0.0663

Previews

White Background



This preview shows how the Yxy color 35.8288, 0.3305, 0.3602 looks on a white background.

Color Contrast Check

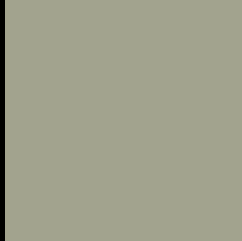
Large Text (above 18pt) WCAG AA × Fail

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 35.8288, 0.3305, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

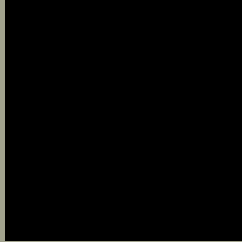
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

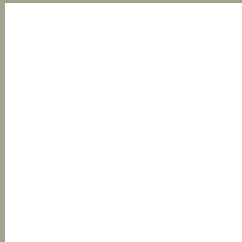
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.8288, 0.3305, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 35.8288, 0.3305, 0.3602.



This preview shows how white text looks on a background with the Yxy color 35.8288, 0.3305, 0.3602.

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

35.8288, 0.3305, 0.3602

Protanopia

35.8478, 0.3388, 0.3581

Deuteranopia

35.4931, 0.3528, 0.3458



Tritanopia

35.8435, 0.3088, 0.3120

Trichromacy



Original Color

35.8288, 0.3305, 0.3602

Protanomaly

35.8707, 0.3356, 0.3598

Deuteranomaly

35.5508, 0.3437, 0.3505

Tritanomaly

35.6790, 0.3175, 0.3290

Monochromacy



Original Color

35.8288, 0.3305, 0.3602

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.3667, 0.3199, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8288, 0.3305, 0.3602 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(162, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(162, 163, 142)  
}
```

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(162, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 163, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.8288, 0.3305, 0.3602 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(162, 163, 142) }
```

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

```
.border{ border-color:rgb(162, 163, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(162, 163,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8288, 0.3305, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 163, 142) }
```

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

```
.background{ background-color: rgb(162,  
163, 142) }
```

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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