

Converting Colors

$Yxy(35.5163, 0.3287, 0.3605)$

Have a look what the booklet for
Yxy(35.5163, 0.3287, 0.3605)
contains.

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Color

Yxy(35.6210, 0.3285, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	A0A38E
RGB	160, 163, 142
RGB Percent	63%, 64%, 56%
CMY	0.3726, 0.3608, 0.4430
CMYK	0.02, 0.00, 0.13, 0.36
HSL	69°, 10%, 60%
HSV	69°, 13%, 64%
XYZ	32.4771, 35.6210, 30.7667
YIQ	159.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

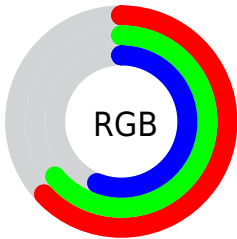
Format	Color
RYB	142, 163, 145
Decimal	10527630
CIELab	66.23, -4.88, 10.53
CIELCh	66, 11.609, 114.863
Yxy	35.6210, 0.3285, 0.3603
Android (android.graphics.Color)	4288717710 (0xFFA0A38E)
YUV	159.7090, -8.7305, 0.2552
Hunter-Lab	59.6833, -7.3138, 11.2144

Details

The Yxy color **35.6210, 0.3285, 0.3603** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0237, 0.2958, 0.2963**, and the grayscale version is **35.0531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5754, 0.3254, 0.3539**, and **15.3297, 0.3326, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **34.9288, 0.3409, 0.3857**, and if you desaturate by 10%, it is **36.3924, 0.3162, 0.3358**.

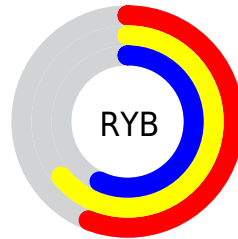
Distribution



Red (63%)

Green (64%)

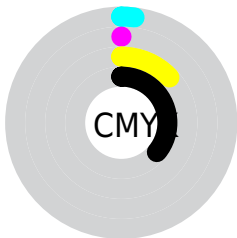
Blue (56%)



Red (56%)

Yellow (64%)

Blue (57%)

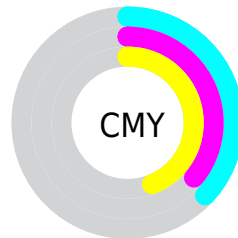


Cyan (2%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (37%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6210, 0.3285, 0.3603 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 35.6210, 0.3285, 0.3603 by changing the saturation by 10% instead.


 35.6210, 0.3285,
0.3603


 35.6210, 0.3285,
0.3603


327.3010, 0.3203,
0.3438


 24.1416, 0.3306,
0.3647


 68.4467, 0.3255,
0.3541

 15.4387, 0.3334,
0.3706

 90.5618, 0.3244,
0.3518

 9.1279, 0.3372,
0.3788


 116.9909, 0.3234,
0.3499

 4.8247, 0.3426,
0.3910

148.1185, 0.3226,
0.3483

 2.1448, 0.3509,
0.4110

184.3289, 0.3219,
0.3469

 0.6896, 0.4324,
0.5560

226.0065, 0.3213,

 0.0000, 0.0000,

0.3457

0.0000

273.5357, 0.3208,
0.3447

■ 35.6210, 0.3285,
0.3603

■ 35.6210, 0.3285,
0.3603

■ 34.9288, 0.3409,
0.3857

■ 36.3924, 0.3162,
0.3358

■ 34.3082, 0.3531,
0.4112

■ 37.2414, 0.3043,
0.3126

■ 33.7572, 0.3645,
0.4362

■ 38.1723, 0.2929,
0.2909

■ 33.2723, 0.3747,
0.4597

■ 39.1876, 0.2823,
0.2710

■ 32.8495, 0.3832,
0.4806

■ 40.2900, 0.2725,
0.2528

■ 32.4844, 0.3894,
0.4981

■ 41.4817, 0.2634,
0.2362

■ 32.1719, 0.3932,
0.5114

■ 42.6919, 0.2558,
0.2222

■ 31.9060, 0.3945,
0.5204

■ 42.9682, 0.2575,
0.2227

■ 31.7346, 0.3944,
0.5250

■ 43.2492, 0.2592,
0.2232

Harmonies

Analogous

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



35.6210, 0.3422, 0.3568



35.6210, 0.3285, 0.3603



35.6210, 0.3109, 0.3548

Triad

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



35.6210, 0.3285, 0.3603



35.6210, 0.2788, 0.3105



35.6210, 0.3312, 0.3165

Complementary

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



35.6210, 0.3285, 0.3603



28.0237, 0.2958, 0.2963

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.



35.6210, 0.3138, 0.3050



35.6210, 0.3285, 0.3603



35.6210, 0.2838, 0.3012

Square

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



35.6210, 0.3285, 0.3603



35.6210, 0.2825, 0.3254



35.6210, 0.2965, 0.2994



35.6210, 0.3439, 0.3314

Rectangle

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



35.6210, 0.3285, 0.3603



35.6210, 0.2993, 0.3468



35.6210, 0.2965, 0.2994



35.6210, 0.3257, 0.3121

Sweetspot

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



35.6226, 0.3285, 0.3603



64.9980, 0.3177, 0.3387



29.9391, 0.3350, 0.3333



14.5750, 0.3185, 0.3405



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.



35.6226, 0.3285, 0.3603



63.4813, 0.3315, 0.3664



34.6076, 0.3185, 0.3613



8.1855, 0.3240, 0.3514



24.6771, 0.3947, 0.5248



0.5317, 0.4042, 0.5172

Inverse Universe

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



28.0237, 0.2958, 0.2963



47.5870, 0.2922, 0.2896



28.9995, 0.3062, 0.2973



6.9065, 0.3008, 0.3059



2.2134, 0.1568, 0.0637



0.0597, 0.1820, 0.0776

Previews

White Background



This preview shows how the Yxy color 35.6210, 0.3285, 0.3603 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 35.6210, 0.3285, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

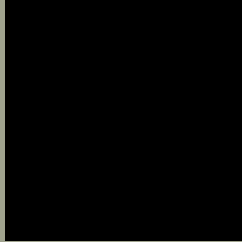
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

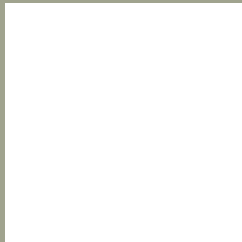
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6210, 0.3285, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 35.6210, 0.3285, 0.3603.



This preview shows how white text looks on a background with the Yxy color 35.6210, 0.3285, 0.3603.

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

35.6210, 0.3285, 0.3603

Protanopia

35.3895, 0.3380, 0.3568

Deuteranopia

35.5236, 0.3518, 0.3444



Tritanopia

35.6291, 0.3069, 0.3119

Trichromacy



Original Color

35.6210, 0.3285, 0.3603

Protanomaly

35.4122, 0.3348, 0.3585

Deuteranomaly

35.5508, 0.3437, 0.3505

Tritanomaly

35.4662, 0.3156, 0.3290

Monochromacy



Original Color

35.6210, 0.3285, 0.3603

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.2632, 0.3189, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6210, 0.3285, 0.3603 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(160, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 163, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.6210, 0.3285, 0.3603 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(160, 163, 142) }
```

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

```
.border{ border-color:rgb(160, 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(160, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(160, 163,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6210, 0.3285, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 163, 142) }
```

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

```
.background{ background-color: rgb(160,  
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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