

Converting Colors

$Yxy(35.1643, 0.3292, 0.3557)$

Have a look what the booklet for
Yxy(35.1643, 0.3292, 0.3557)
contains.

Yxy(35.0500, 0.3290, 0.3559)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.0500, 0.3290, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	A1A18F
RGB	161, 161, 143
RGB Percent	63%, 63%, 56%
CMY	0.3686, 0.3686, 0.4393
CMYK	0.00, 0.00, 0.11, 0.37
HSL	60°, 9%, 60%
HSV	60°, 11%, 63%
XYZ	32.4008, 35.0500, 31.0319
YIQ	158.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

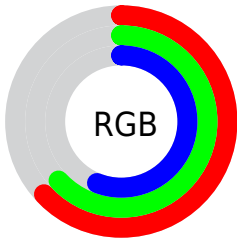
Format	Color
RYB	143, 161, 143
Decimal	10592655
CIELab	65.79, -3.25, 9.40
CIELCh	66, 9.942, 109.086
Yxy	35.0500, 0.3290, 0.3559
Android (android.graphics.Color)	4288782735 (0xFFA1A18F)
YUV	158.9480, -7.8624, 1.7996
Hunter-Lab	59.2030, -5.9153, 10.3646

Details

The Yxy color **35.0500, 0.3290, 0.3559** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0499, 0.2955, 0.3006**, and the grayscale version is **34.6813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7419, 0.3257, 0.3505**, and **15.1934, 0.3331, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **34.5948, 0.3439, 0.3805**, and if you desaturate by 10%, it is **35.5783, 0.3144, 0.3318**.

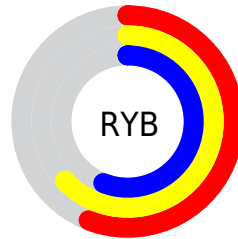
Distribution



Red (63%)

Green (63%)

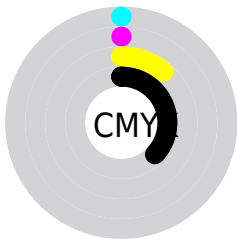
Blue (56%)



Red (56%)

Yellow (63%)

Blue (56%)

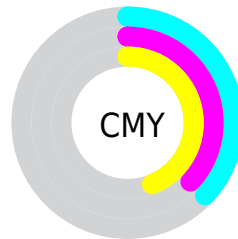


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (37%)



Cyan (37%)


Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0500, 0.3290, 0.3559 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 35.0500, 0.3290, 0.3559 by changing the saturation by 10% instead.


 35.0500, 0.3290,
0.3559


 35.0500, 0.3290,
0.3559


324.7890, 0.3205,
0.3417

 23.7014, 0.3312,
0.3597


 67.5632, 0.3258,
0.3506

 15.1123, 0.3342,
0.3648


 89.4966, 0.3247,
0.3486

 8.8982, 0.3382,
0.3718


115.7271, 0.3237,
0.3470

 4.6748, 0.3440,
0.3823

146.6390, 0.3229,
0.3456

 2.0578, 0.3532,
0.3994

182.6167, 0.3222,
0.3444

 0.6407, 0.4373,
0.5290

224.0447, 0.3215,

 0.0000, 0.0000,

0.3434

0.0000

271.3073, 0.3210,
0.3425

■ 35.0500, 0.3290,
0.3559

■ 35.0500, 0.3290,
0.3559

■ 34.5948, 0.3439,
0.3805

■ 35.5783, 0.3144,
0.3318

■ 34.2052, 0.3586,
0.4049

■ 36.1779, 0.3005,
0.3088

■ 33.8794, 0.3728,
0.4283

■ 36.8530, 0.2874,
0.2871

■ 33.6141, 0.3858,
0.4498

■ 37.6061, 0.2752,
0.2670

■ 33.4054, 0.3972,
0.4685

■ 38.4395, 0.2640,
0.2485

■ 33.2493, 0.4063,
0.4836

■ 39.3556, 0.2538,
0.2316

■ 33.1409, 0.4130,
0.4947

■ 40.3127, 0.2449,
0.2170

■ 33.0746, 0.4172,
0.5016

■ 40.3161, 0.2449,
0.2170

■ 33.0395, 0.4194,
0.5052

■ 40.3194, 0.2449,
0.2170

Harmonies

Analogous

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



35.0500, 0.3396, 0.3516



35.0500, 0.3290, 0.3559



35.0500, 0.3142, 0.3526

Triad

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



35.0500, 0.3290, 0.3559



35.0500, 0.2834, 0.3154



35.0500, 0.3260, 0.3160

Complementary

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



35.0500, 0.3290, 0.3559



28.0499, 0.2955, 0.3006

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.



35.0500, 0.3107, 0.3068



35.0500, 0.3290, 0.3559



35.0500, 0.2864, 0.3062

Square

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



35.0500, 0.3290, 0.3559



35.0500, 0.2881, 0.3287



35.0500, 0.2962, 0.3032



35.0500, 0.3379, 0.3285

Rectangle

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



35.0500, 0.3290, 0.3559



35.0500, 0.3040, 0.3465



35.0500, 0.2962, 0.3032



35.0500, 0.3210, 0.3124

Sweetspot

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



35.0515, 0.3290, 0.3559



63.5216, 0.3171, 0.3362



29.2059, 0.3319, 0.3286



13.9145, 0.3182, 0.3381



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



35.0515, 0.3290, 0.3559



62.5859, 0.3320, 0.3609



34.1805, 0.3204, 0.3566



8.2366, 0.3262, 0.3512



26.3830, 0.4194, 0.5052



0.5546, 0.4194, 0.5052

Inverse Universe

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



28.0499, 0.2955, 0.3006



47.9719, 0.2921, 0.2950



28.8553, 0.3043, 0.3013



6.8606, 0.2987, 0.3058



2.0570, 0.1500, 0.0601



0.0434, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 35.0500, 0.3290, 0.3559 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 35.0500, 0.3290, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

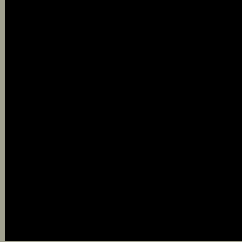
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

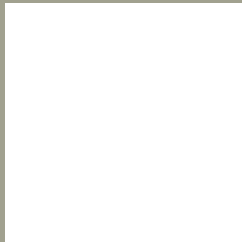
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0500, 0.3290, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 35.0500, 0.3290, 0.3559.



This preview shows how white text looks on a background with the Yxy color 35.0500, 0.3290, 0.3559.

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

35.0500, 0.3290, 0.3559

Protanopia

34.9648, 0.3363, 0.3540

Deuteranopia

34.9486, 0.3500, 0.3431



Tritanopia

35.0156, 0.3088, 0.3104

Trichromacy



Original Color

35.0500, 0.3290, 0.3559

Protanomaly

35.0939, 0.3341, 0.3556

Deuteranomaly

35.1262, 0.3420, 0.3477

Tritanomaly

34.8843, 0.3167, 0.3261

Monochromacy



Original Color

35.0500, 0.3290, 0.3559

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9151, 0.3190, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0500, 0.3290, 0.3559 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(161, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 161, 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(161, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 161, 143) }
```

Border

The CSS property to change the border of an element to Yxy 35.0500, 0.3290, 0.3559 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(161, 161, 143) }
```

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

```
.border{ border-color:rgb(161, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 161,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0500, 0.3290, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 161, 143) }
```

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

```
.background{ background-color: rgb(161,  
161, 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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