

Converting Colors

$Yxy(35.3559, 0.3375, 0.3508)$

Have a look what the booklet for
Yxy(35.3559, 0.3375, 0.3508)
contains.

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Color

Yxy(35.3559, 0.3375, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	AA9F90
RGB	170, 159, 144
RGB Percent	67%, 62%, 56%
CMY	0.3332, 0.3765, 0.4353
CMYK	0.00, 0.06, 0.15, 0.33
HSL	35°, 13%, 62%
HSV	35°, 15%, 67%
XYZ	34.0154, 35.3559, 31.4151
YIQ	160.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

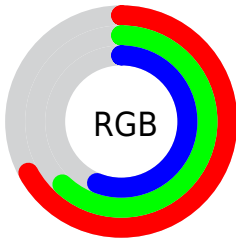
Format	Color
R _Y B	163, 170, 144
Decimal	11181968
CIE Lab	66.02, 1.43, 9.27
CIE LCh	66, 9.376, 81.199
Yxy	35.3559, 0.3375, 0.3508
Android (android.graphics.Color)	4289372048 (0xFFAA9F90)
YUV	160.5790, -8.1734, 8.2622
Hunter-Lab	59.4608, -1.9429, 10.2977

Details

The Yxy color **35.3559, 0.3375, 0.3508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2893, 0.2891, 0.3062**, and the grayscale version is **35.4724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1779, 0.3321, 0.3468**, and **15.3848, 0.3453, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **32.4676, 0.3561, 0.3658**, and if you desaturate by 10%, it is **38.4704, 0.3208, 0.3364**.

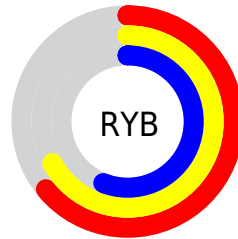
Distribution



Red (67%)

Green (62%)

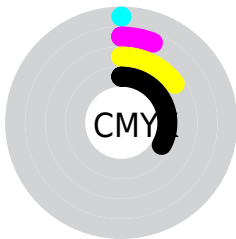
Blue (56%)



Red (64%)

Yellow (67%)

Blue (56%)

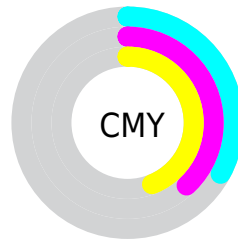


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3559, 0.3375, 0.3508 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 35.3559, 0.3375, 0.3508 by changing the saturation by 10% instead.

 35.3559, 0.3375,
0.3508


 35.3559, 0.3375,
0.3508


326.1365, 0.3245,
0.3395

 23.9372, 0.3409,
0.3538


 68.0367, 0.3326,
0.3466

 15.2870, 0.3455,
0.3577


 90.0676, 0.3308,
0.3450

 9.0211, 0.3518,
0.3631


116.4047, 0.3294,
0.3437

 4.7549, 0.3611,
0.3710

147.4324, 0.3281,
0.3426

 2.1042, 0.3759,
0.3834

183.5350, 0.3270,
0.3416

 0.6670, 0.4730,
0.4716

225.0969, 0.3261,

 0.0000, 0.0000,

0.3408

0.0000

272.5026, 0.3252,
0.3401

■ 35.3559, 0.3375,
0.3508

■ 35.3559, 0.3375,
0.3508

■ 32.4676, 0.3561,
0.3658

■ 38.4704, 0.3208,
0.3364

■ 29.7949, 0.3767,
0.3810

■ 41.8121, 0.3060,
0.3227

■ 27.3330, 0.3990,
0.3958

■ 45.3878, 0.2929,
0.3100

■ 25.0753, 0.4225,
0.4092

■ 49.2030, 0.2814,
0.2983

■ 23.0147, 0.4465,
0.4203

■ 53.2624, 0.2712,
0.2875

■ 21.1434, 0.4699,
0.4280

■ 57.5711, 0.2623,
0.2775

■ 19.4527, 0.4914,
0.4310

■ 61.6060, 0.2585,
0.2767

■ 17.9325, 0.5097,
0.4289

■ 65.2363, 0.2596,
0.2853

■ 17.2700, 0.5179,
0.4270

■ 69.0290, 0.2607,
0.2937

Harmonies

Analogous

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



35.3559, 0.3412, 0.3416



35.3559, 0.3375, 0.3508



35.3559, 0.3271, 0.3543

Triad

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



35.3559, 0.3375, 0.3508



35.3559, 0.2890, 0.3278



35.3559, 0.3118, 0.3086

Complementary

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



35.3559, 0.3375, 0.3508



32.2893, 0.2891, 0.3062

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.



35.3559, 0.2981, 0.3047



35.3559, 0.3375, 0.3508



35.3559, 0.2851, 0.3154

Square

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



35.3559, 0.3375, 0.3508



35.3559, 0.2992, 0.3409



35.3559, 0.2884, 0.3071



35.3559, 0.3261, 0.3175

Rectangle

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



35.3559, 0.3375, 0.3508



35.3559, 0.3180, 0.3527



35.3559, 0.2884, 0.3071



35.3559, 0.3070, 0.3066

Sweetspot

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



35.3575, 0.3375, 0.3508



69.8975, 0.3205, 0.3360



30.8717, 0.3291, 0.3126



15.4984, 0.3215, 0.3370



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.3575, 0.3375, 0.3508



62.5006, 0.3429, 0.3553



39.1353, 0.3335, 0.3664



8.2326, 0.3272, 0.3420



12.8101, 0.5165, 0.4281



0.4098, 0.4768, 0.4596

Inverse Universe

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



32.2893, 0.2891, 0.3062



55.9809, 0.2843, 0.3012



28.9356, 0.2902, 0.2891



7.8041, 0.2986, 0.3157



5.6604, 0.1713, 0.1365



0.2398, 0.1899, 0.2034

Previews

White Background



This preview shows how the Yxy color 35.3559, 0.3375, 0.3508 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 35.3559, 0.3375, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

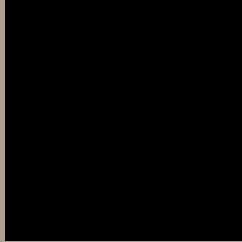
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3559, 0.3375, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 35.3559, 0.3375, 0.3508.



This preview shows how white text looks on a background with the Yxy color 35.3559, 0.3375, 0.3508.

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

35.3559, 0.3375, 0.3508

Protanopia

35.3707, 0.3342, 0.3524

Deuteranopia

35.4321, 0.3498, 0.3431



Tritanopia

35.4883, 0.3184, 0.3122

Trichromacy



Original Color

35.3559, 0.3375, 0.3508

Protanomaly

35.4801, 0.3352, 0.3524

Deuteranomaly

35.2862, 0.3454, 0.3447

Tritanomaly

35.3878, 0.3256, 0.3262

Monochromacy



Original Color

35.3559, 0.3375, 0.3508

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4007, 0.3211, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3559, 0.3375, 0.3508 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(170, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(170, 159, 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(170, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 159, 144) }
```

Border

The CSS property to change the border of an element to Yxy 35.3559, 0.3375, 0.3508 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(170, 159, 144) }
```

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

```
.border{ border-color:rgb(170, 159, 144) }
```

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

Here you see how a box with a 4 pixel rgb(170, 159, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(170, 159,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3559, 0.3375, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 159, 144) }
```

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

```
.background{ background-color: rgb(170,  
159, 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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