

Converting Colors

$Yxy(35.2628, 0.3247, 0.3326)$

Have a look what the booklet for
Yxy(35.2628, 0.3247, 0.3326)
contains.

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Color

Yxy(35.1789, 0.3243, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	A89E9C
RGB	168, 158, 156
RGB Percent	66%, 62%, 61%
CMY	0.3413, 0.3804, 0.3881
CMYK	0.00, 0.06, 0.07, 0.34
HSL	10°, 6%, 64%
HSV	10°, 7%, 66%
XYZ	34.3734, 35.1789, 36.4402
YIQ	160.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

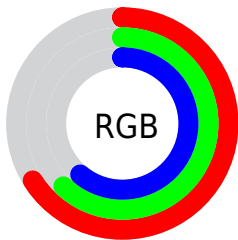
Format	Color
RYB	168, 158, 156
Decimal	11050652
CIELab	65.89, 3.27, 2.33
CIELCh	66, 4.011, 35.478
Yxy	35.1789, 0.3243, 0.3319
Android (android.graphics.Color)	4289240732 (0xFFA89E9C)
YUV	160.7620, -2.3477, 6.3477
Hunter-Lab	59.3118, -0.3484, 5.0914

Details

The Yxy color **35.1789, 0.3243, 0.3319** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1636, 0.3020, 0.3261**, and the grayscale version is **35.5331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9296, 0.3222, 0.3323**, and **15.2483, 0.3279, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **30.1416, 0.3435, 0.3362**, and if you desaturate by 10%, it is **40.8423, 0.3085, 0.3279**.

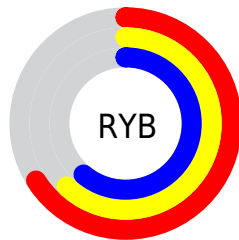
Distribution



Red (66%)

Green (62%)

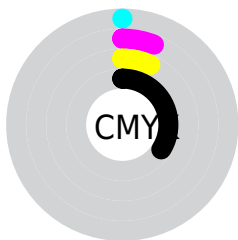
Blue (61%)



Red (66%)

Yellow (62%)

Blue (61%)

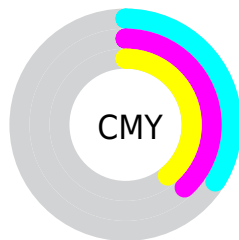


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (34%)



Cyan (34%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1789, 0.3243, 0.3319 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 35.1789, 0.3243, 0.3319 by changing the saturation by 10% instead.


 35.1789, 0.3243,
0.3319


 35.1789, 0.3243,
0.3319


325.3573, 0.3182,
0.3304

 23.8007, 0.3259,
0.3323


 67.7628, 0.3220,
0.3314

 15.1859, 0.3281,
0.3328


 89.7373, 0.3212,
0.3311

 8.9499, 0.3310,
0.3335


116.0128, 0.3205,
0.3310

 4.7085, 0.3355,
0.3345

146.9735, 0.3199,
0.3308

 2.0773, 0.3427,
0.3360

183.0039, 0.3194,
0.3307

 0.6518, 0.3684,
0.3434

224.4884, 0.3190,


 0.0000, 0.0000,


0.3306


0.0000


271.8114, 0.3186,
0.3305


 35.1789, 0.3243,
0.3319


 35.1789, 0.3243,
0.3319


 30.1416, 0.3435,
0.3362

 40.8423, 0.3085,
0.3279


 25.7045, 0.3668,
0.3408

 47.1475, 0.2954,
0.3242


 21.8464, 0.3948,
0.3454

 54.1156, 0.2845,
0.3208

 18.5433, 0.4279,
0.3497

 61.7651, 0.2755,
0.3178

 15.7694, 0.4658,
0.3531

 70.1138, 0.2679,
0.3150

■ 13.4970, 0.5073,
0.3550

■ 79.0621, 0.2623,
0.3145

■ 11.6957, 0.5492,
0.3546

■ 87.0621, 0.2642,
0.3289

■ 10.3318, 0.5867,
0.3512

■ 9.3650, 0.6153,
0.3453

Harmonies

Analogous

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



35.1789, 0.3209, 0.3265



35.1789, 0.3243, 0.3319



35.1789, 0.3245, 0.3366

Triad

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



35.1789, 0.3243, 0.3319



35.1789, 0.3100, 0.3365



35.1789, 0.3039, 0.3187

Complementary

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



35.1789, 0.3243, 0.3319



37.1636, 0.3020, 0.3261

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.



35.1789, 0.3011, 0.3213



35.1789, 0.3243, 0.3319



35.1789, 0.3045, 0.3315

Square

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



35.1789, 0.3243, 0.3319



35.1789, 0.3162, 0.3394



35.1789, 0.3013, 0.3260



35.1789, 0.3092, 0.3189

Rectangle

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



35.1789, 0.3243, 0.3319



35.1789, 0.3228, 0.3388



35.1789, 0.3013, 0.3260



35.1789, 0.3027, 0.3193

Sweetspot

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



35.1804, 0.3243, 0.3319



68.9379, 0.3159, 0.3298



34.8662, 0.3151, 0.3145



15.0514, 0.3157, 0.3298



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.1804, 0.3243, 0.3319



61.8960, 0.3279, 0.3328



37.1993, 0.3236, 0.3402



7.7366, 0.3282, 0.3328



6.9652, 0.6210, 0.3451



0.2266, 0.5688, 0.3865

Inverse Universe

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



37.1636, 0.3020, 0.3261



66.4695, 0.2989, 0.3252



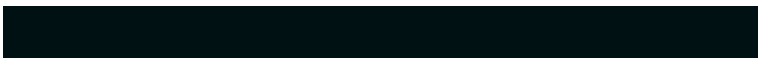
35.1092, 0.3020, 0.3176



8.3164, 0.2987, 0.3252



16.3734, 0.2100, 0.2761



0.4530, 0.2154, 0.2953

Previews

White Background



This preview shows how the Yxy color 35.1789, 0.3243, 0.3319 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 35.1789, 0.3243, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

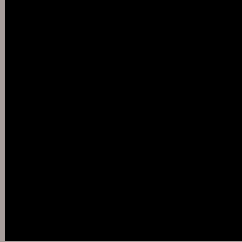
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

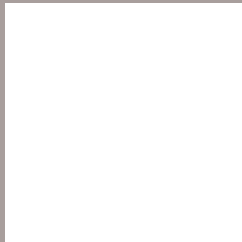
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1789, 0.3243, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 35.1789, 0.3243, 0.3319.



This preview shows how white text looks on a background with the Yxy color 35.1789, 0.3243, 0.3319.

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

35.1789, 0.3243, 0.3319

Protanopia

35.1231, 0.3194, 0.3319

Deuteranopia

35.2241, 0.3329, 0.3263



Tritanopia

35.1501, 0.3155, 0.3121

Trichromacy



Original Color

35.1789, 0.3243, 0.3319

Protanomaly

35.2299, 0.3203, 0.3319

Deuteranomaly

35.2099, 0.3297, 0.3276

Tritanomaly

35.2293, 0.3181, 0.3190

Monochromacy



Original Color

35.1789, 0.3243, 0.3319

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5373, 0.3175, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1789, 0.3243, 0.3319 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(168, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 156)  
}
```

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(168, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.1789, 0.3243, 0.3319 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(168, 158, 156) }
```

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

```
.border{ border-color:rgb(168, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1789, 0.3243, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 156) }
```

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

```
.background{ background-color: rgb(168,  
158, 156) }
```

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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