

Converting Colors

$Yxy(35.7982, 0.3347, 0.3277)$

Have a look what the booklet for
Yxy(35.7982, 0.3347, 0.3277)
contains.

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Color

Yxy(35.7950, 0.3347, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B39C9D
RGB	179, 156, 157
RGB Percent	70%, 61%, 62%
CMY	0.2981, 0.3882, 0.3843
CMYK	0.00, 0.13, 0.12, 0.30
HSL	357°, 13%, 66%
HSV	357°, 13%, 70%
XYZ	36.5596, 35.7950, 36.8764
YIQ	162.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

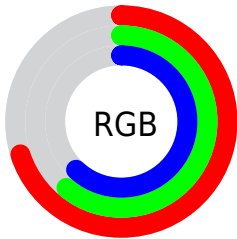
Format	Color
R_{YB}	179, 156, 157
Decimal	11771037
CIE _{Lab}	66.36, 8.62, 2.60
CIE _{LCh}	66, 8.998, 16.766
Yxy	35.7950, 0.3347, 0.3277
Android (android.graphics.Color)	4289961117 (0xFFB39C9D)
YUV	162.9910, -2.9536, 14.0399
Hunter-Lab	59.8289, 4.3753, 5.3360

Details

The Yxy color **35.7950, 0.3347, 0.3277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5137, 0.2942, 0.3303**, and the grayscale version is **36.6303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0042, 0.3300, 0.3280**, and **15.5794, 0.3414, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **29.6805, 0.3567, 0.3266**, and if you desaturate by 10%, it is **42.8798, 0.3170, 0.3287**.

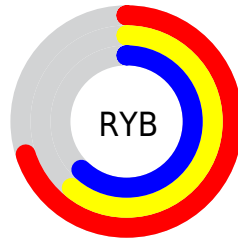
Distribution



Red (70%)

Green (61%)

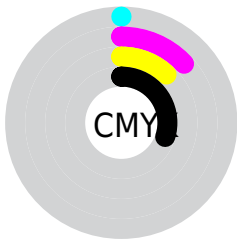
Blue (62%)



Red (70%)

Yellow (61%)

Blue (62%)

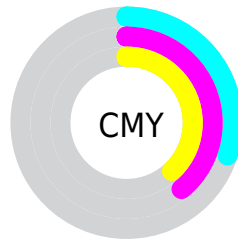


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7950, 0.3347, 0.3277 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 35.7950, 0.3347, 0.3277 by changing the saturation by 10% instead.


 35.7950, 0.3347,
0.3277


 35.7950, 0.3347,
0.3277


328.0636, 0.3232,
0.3285

 24.2759, 0.3378,
0.3275


 68.7155, 0.3304,
0.3280

 15.5384, 0.3418,
0.3272


 90.8858, 0.3288,
0.3281

 9.1981, 0.3474,
0.3267


117.3752, 0.3275,
0.3282

 4.8706, 0.3557,
0.3259

148.5682, 0.3264,
0.3283

 2.1716, 0.3692,
0.3245

184.8491, 0.3254,
0.3283

 0.7044, 0.4057,
0.3246


226.6024, 0.3246,


 0.0000, 0.0000,

0.3284


0.0000


274.2124, 0.3238,
0.3284

 35.7950, 0.3347,
0.3277


 35.7950, 0.3347,
0.3277


 29.6805, 0.3567,
0.3266


 42.8798, 0.3170,
0.3287


 24.4896, 0.3840,
0.3255


 50.9696, 0.3029,
0.3297


 20.1789, 0.4173,
0.3245

 60.1031, 0.2914,
0.3305

 16.6995, 0.4569,
0.3238

 70.3156, 0.2822,
0.3313

 13.9980, 0.5016,
0.3234

 81.6409, 0.2746,
0.3320

■ 12.0145, 0.5480,
0.3237

■ 88.3207, 0.2696,
0.3289

■ 10.6806, 0.5902,
0.3249

■ 9.9145, 0.6213,
0.3267

■ 9.5974, 0.6354,
0.3274

Harmonies

Analogous

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



35.7950, 0.3237, 0.3165



35.7950, 0.3347, 0.3277



35.7950, 0.3398, 0.3395

Triad

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



35.7950, 0.3347, 0.3277



35.7950, 0.3152, 0.3506



35.7950, 0.2885, 0.3089

Complementary

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



35.7950, 0.3347, 0.3277



42.5137, 0.2942, 0.3303

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.



35.7950, 0.2864, 0.3176



35.7950, 0.3347, 0.3277



35.7950, 0.3016, 0.3420

Square

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



35.7950, 0.3347, 0.3277



35.7950, 0.3283, 0.3531



35.7950, 0.2912, 0.3298



35.7950, 0.2970, 0.3057

Rectangle

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



35.7950, 0.3347, 0.3277



35.7950, 0.3390, 0.3462



35.7950, 0.2912, 0.3298



35.7950, 0.2871, 0.3113

Sweetspot

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



35.7966, 0.3347, 0.3277



75.1522, 0.3190, 0.3286



36.4800, 0.3131, 0.2978



16.4296, 0.3203, 0.3285



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.7966, 0.3347, 0.3277



61.3176, 0.3396, 0.3274



39.3802, 0.3338, 0.3433



8.5109, 0.3281, 0.3281



6.7866, 0.6345, 0.3269



0.2155, 0.6117, 0.3144

Inverse Universe

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



35.7966, 0.3347, 0.3277



61.3176, 0.3396, 0.3274



38.5662, 0.2931, 0.3143



8.5109, 0.3281, 0.3281



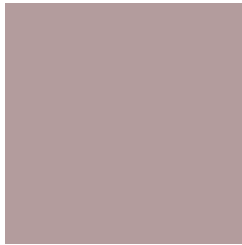
6.7866, 0.6345, 0.3269



0.2155, 0.6117, 0.3144

Previews

White Background



This preview shows how the Yxy color 35.7950, 0.3347, 0.3277 looks on a white background.

Color Contrast Check

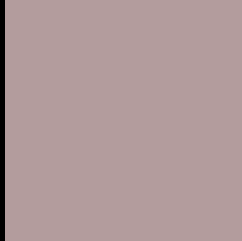
Large Text (above 18pt) WCAG AA × Fail

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 35.7950, 0.3347, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

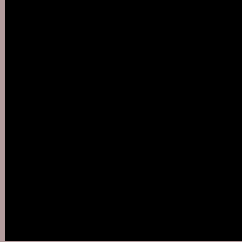
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7950, 0.3347, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 35.7950, 0.3347, 0.3277.



This preview shows how white text looks on a background with the Yxy color 35.7950, 0.3347, 0.3277.

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

35.7950, 0.3347, 0.3277

Protanopia

36.0271, 0.3174, 0.3305

Deuteranopia

35.7950, 0.3347, 0.3277



Tritanopia

35.9360, 0.3263, 0.3126

Trichromacy



Original Color

35.7950, 0.3347, 0.3277

Protanomaly

35.8455, 0.3234, 0.3290

Deuteranomaly

35.7950, 0.3347, 0.3277

Tritanomaly

35.7903, 0.3301, 0.3180

Monochromacy



Original Color

35.7950, 0.3347, 0.3277

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1498, 0.3205, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7950, 0.3347, 0.3277 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(179, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 157)  
}
```

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(179, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.7950, 0.3347, 0.3277 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(179, 156, 157) }
```

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

```
.border{ border-color:rgb(179, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(179, 156,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7950, 0.3347, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 157) }
```

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

```
.background{ background-color: rgb(179,  
156, 157) }
```

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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