

Converting Colors

$Yxy(36.8746, 0.3299, 0.3272)$

Have a look what the booklet for
Yxy(36.8746, 0.3299, 0.3272)
contains.

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Color

Yxy(36.7993, 0.3304, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B29FA0
RGB	178, 159, 160
RGB Percent	70%, 62%, 63%
CMY	0.3019, 0.3765, 0.3726
CMYK	0.00, 0.11, 0.10, 0.30
HSL	357°, 11%, 66%
HSV	357°, 11%, 70%
XYZ	37.1025, 36.7993, 38.3939
YIQ	164.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

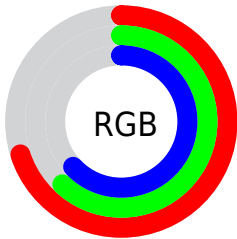
Format	Color
RYB	178, 159, 160
Decimal	11706272
CIELab	67.13, 7.12, 2.02
CIELCh	67, 7.399, 15.881
Yxy	36.7993, 0.3304, 0.3277
Android (android.graphics.Color)	4289896352 (0xFFB29FA0)
YUV	164.7950, -2.3639, 11.5808
Hunter-Lab	60.6624, 3.0154, 4.9384

Details

The Yxy color **36.7993, 0.3304, 0.3277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3902, 0.2973, 0.3303**, and the grayscale version is **37.5315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4919, 0.3268, 0.3280**, and **16.1892, 0.3350, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **30.5616, 0.3512, 0.3264**, and if you desaturate by 10%, it is **44.0022, 0.3137, 0.3289**.

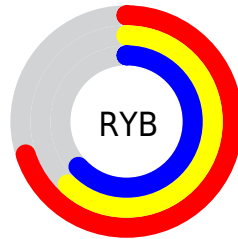
Distribution



Red (70%)

Green (62%)

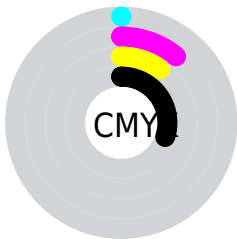
Blue (63%)



Red (70%)

Yellow (62%)

Blue (63%)

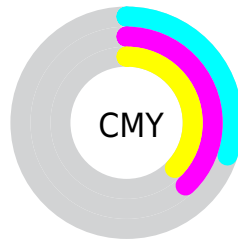


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7993, 0.3304, 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 36.7993, 0.3304, 0.3277 by changing the saturation by 10% instead.


 36.7993, 0.3304,
0.3277


 36.7993, 0.3304,
0.3277


332.4408, 0.3212,
0.3284

 25.0521, 0.3328,
0.3275


 70.2640, 0.3270,
0.3280

 16.1159, 0.3360,
0.3272


 92.7503, 0.3257,
0.3281

 9.6062, 0.3405,
0.3268


119.5852, 0.3246,
0.3282

 5.1387, 0.3470,
0.3261

151.1529, 0.3237,
0.3282

 2.3288, 0.3574,
0.3250

187.8379, 0.3230,
0.3283

 0.7889, 0.3808,
0.3243


230.0247, 0.3223,

 0.0000, 0.0000,


0.3284

0.0000


278.0975, 0.3217,
0.3284


 36.7993, 0.3304,
0.3277


 36.7993, 0.3304,
0.3277

 30.5616, 0.3512,
0.3264


 44.0022, 0.3137,
0.3289


 25.2434, 0.3770,
0.3251


 52.2038, 0.3003,
0.3300


 20.8029, 0.4086,
0.3238

 61.4418, 0.2895,
0.3311

 17.1928, 0.4466,
0.3228

 71.7506, 0.2807,
0.3320

 14.3615, 0.4900,
0.3222

 83.1631, 0.2734,
0.3328

■ 12.2517, 0.5361,
0.3223

■ 88.2056, 0.2691,
0.3289

■ 10.7981, 0.5798,
0.3234

■ 9.9238, 0.6142,
0.3254

■ 9.4856, 0.6345,
0.3269

Harmonies

Analogous

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



36.7993, 0.3213, 0.3186



36.7993, 0.3304, 0.3277



36.7993, 0.3347, 0.3374

Triad

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



36.7993, 0.3304, 0.3277



36.7993, 0.3151, 0.3467



36.7993, 0.2928, 0.3128

Complementary

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



36.7993, 0.3304, 0.3277



42.3902, 0.2973, 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.



36.7993, 0.2913, 0.3201



36.7993, 0.3304, 0.3277



36.7993, 0.3040, 0.3398

Square

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



36.7993, 0.3304, 0.3277



36.7993, 0.3257, 0.3486



36.7993, 0.2953, 0.3300



36.7993, 0.2997, 0.3100

Rectangle

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



36.7993, 0.3304, 0.3277



36.7993, 0.3342, 0.3428



36.7993, 0.2953, 0.3300



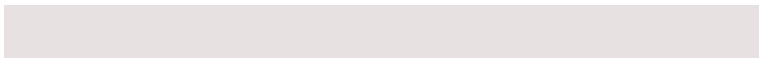
36.7993, 0.2917, 0.3148

Sweetspot

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



36.8009, 0.3304, 0.3277



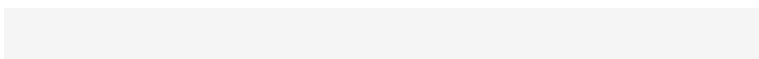
76.5230, 0.3174, 0.3286



37.3291, 0.3127, 0.3032



16.7145, 0.3186, 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.



36.8009, 0.3304, 0.3277



63.6827, 0.3353, 0.3274



39.6940, 0.3300, 0.3404



8.5121, 0.3279, 0.3279



6.7894, 0.6333, 0.3263



0.2159, 0.6064, 0.3114

Inverse Universe

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



36.8009, 0.3304, 0.3277



63.6827, 0.3353, 0.3274



39.2501, 0.2965, 0.3173



8.5121, 0.3279, 0.3279



6.7894, 0.6333, 0.3263



0.2159, 0.6064, 0.3114

Previews

White Background



This preview shows how the Yxy color 36.7993, 0.3304, 0.3277 looks on a white background.

Color Contrast Check

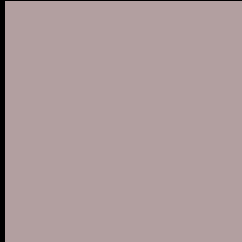
Large Text (above 18pt) WCAG AA × Fail

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 36.7993, 0.3304, 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 36.7993, 0.3304, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 36.7993, 0.3304, 0.3277.



This preview shows how white text looks on a background with the Yxy color 36.7993, 0.3304, 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

36.7993, 0.3304, 0.3277

Protanopia

37.0185, 0.3174, 0.3304

Deuteranopia

36.6951, 0.3325, 0.3263



Tritanopia

36.5999, 0.3223, 0.3112

Trichromacy



Original Color

36.7993, 0.3304, 0.3277

Protanomaly

37.0718, 0.3222, 0.3304

Deuteranomaly

36.5755, 0.3315, 0.3263

Tritanomaly

36.7906, 0.3259, 0.3180

Monochromacy



Original Color

36.7993, 0.3304, 0.3277

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3848, 0.3193, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7993, 0.3304, 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(178, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 160)  
}
```

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(178, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 160) }
```

Border

The CSS property to change the border of an element to Yxy 36.7993, 0.3304, 0.3277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

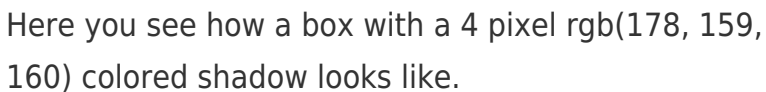
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 159, 160) }
```

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

```
.border{ border-color:rgb(178, 159, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 159, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 159, 160); box-shadow:4px 4px 4px 4px rgb(178, 159, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7993, 0.3304, 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(178, 159, 160) }
```

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

```
.background{ background-color: rgb(178,  
159, 160) }
```

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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