

Converting Colors

$Yxy(36.2079, 0.3335, 0.3263)$

Have a look what the booklet for
Yxy(36.2079, 0.3335, 0.3263)
contains.

Yxy(36.3204, 0.3336, 0.3263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.3204, 0.3336, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B49D9F
RGB	180, 157, 159
RGB Percent	71%, 62%, 62%
CMY	0.2942, 0.3843, 0.3764
CMYK	0.00, 0.13, 0.12, 0.29
HSL	355°, 13%, 66%
HSV	355°, 13%, 71%
XYZ	37.1330, 36.3204, 37.8565
YIQ	164.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

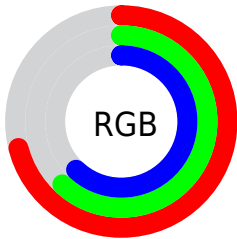
Format	Color
RYB	180, 157, 159
Decimal	11836831
CIELab	66.76, 8.78, 2.06
CIELCh	67, 9.017, 13.224
Yxy	36.3204, 0.3336, 0.3263
Android (android.graphics.Color)	4290026911 (0xFFB49D9F)
YUV	164.1050, -2.5168, 13.9399
Hunter-Lab	60.2664, 4.5160, 4.9433

Details

The Yxy color **36.3204, 0.3336, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0148, 0.2950, 0.3317**, and the grayscale version is **37.1842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7749, 0.3293, 0.3269**, and **15.9028, 0.3398, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **30.1402, 0.3545, 0.3240**, and if you desaturate by 10%, it is **43.4768, 0.3168, 0.3284**.

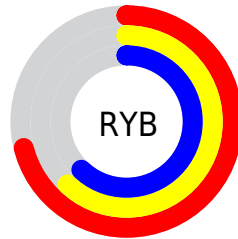
Distribution



Red (71%)

Green (62%)

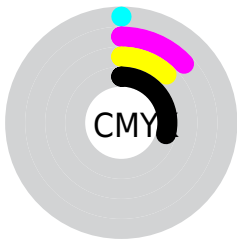
Blue (62%)



Red (71%)

Yellow (62%)

Blue (62%)

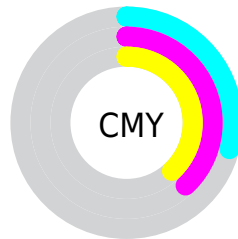


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3204, 0.3336, 0.3263 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 36.3204, 0.3336, 0.3263 by changing the saturation by 10% instead.


 36.3204, 0.3336,
0.3263


 36.3204, 0.3336,
0.3263


330.3588, 0.3227,
0.3278

 24.6817, 0.3365,
0.3259


 69.5263, 0.3295,
0.3269

 15.8401, 0.3403,
0.3253


 91.8624, 0.3280,
0.3271

 9.4111, 0.3456,
0.3245


118.5330, 0.3268,
0.3272

 5.0103, 0.3533,
0.3233

149.9226, 0.3257,
0.3274

 2.2533, 0.3659,
0.3213

186.4156, 0.3248,
0.3275

 0.7488, 0.3955,
0.3188

228.3964, 0.3240,


 0.0000, 0.0000,


0.3276


0.0000


276.2493, 0.3233,
0.3277

 36.3204, 0.3336,
0.3263


 36.3204, 0.3336,
0.3263

 30.1402, 0.3545,
0.3240


 43.4768, 0.3168,
0.3284


 24.8893, 0.3805,
0.3217


 51.6440, 0.3032,
0.3304


 20.5241, 0.4121,
0.3196

 60.8608, 0.2922,
0.3322

 16.9959, 0.4498,
0.3178

 71.1628, 0.2833,
0.3338

 14.2510, 0.4926,
0.3168

 82.5836, 0.2760,
0.3353

■ 12.2296, 0.5378,
0.3171

■ 88.4401, 0.2701,
0.3289

■ 10.8633, 0.5802,
0.3190

■ 10.0704, 0.6135,
0.3224

■ 9.7364, 0.6302,
0.3245

Harmonies

Analogous

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



36.3204, 0.3221, 0.3154



36.3204, 0.3336, 0.3263



36.3204, 0.3395, 0.3381

Triad

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



36.3204, 0.3336, 0.3263



36.3204, 0.3168, 0.3512



36.3204, 0.2880, 0.3097

Complementary

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



36.3204, 0.3336, 0.3263



43.0148, 0.2950, 0.3317

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.



36.3204, 0.2867, 0.3189



36.3204, 0.3336, 0.3263



36.3204, 0.3031, 0.3432

Square

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



36.3204, 0.3336, 0.3263



36.3204, 0.3296, 0.3528



36.3204, 0.2922, 0.3313



36.3204, 0.2958, 0.3059

Rectangle

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



36.3204, 0.3336, 0.3263



36.3204, 0.3393, 0.3451



36.3204, 0.2922, 0.3313



36.3204, 0.2868, 0.3123

Sweetspot

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



36.3220, 0.3336, 0.3263



77.0541, 0.3188, 0.3282



36.8396, 0.3120, 0.2979



16.4354, 0.3199, 0.3280



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.



36.3220, 0.3336, 0.3263



62.9162, 0.3384, 0.3257



39.4792, 0.3339, 0.3417



8.5168, 0.3274, 0.3271



6.8021, 0.6285, 0.3236



0.2179, 0.5856, 0.2999

Inverse Universe

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



36.3220, 0.3336, 0.3263



62.9162, 0.3384, 0.3257



39.5100, 0.2932, 0.3160



8.5168, 0.3274, 0.3271



6.8021, 0.6285, 0.3236



0.2179, 0.5856, 0.2999

Previews

White Background



This preview shows how the Yxy color 36.3204, 0.3336, 0.3263 looks on a white background.

Color Contrast Check

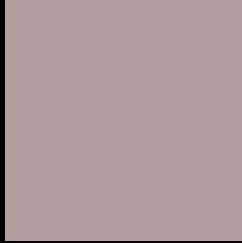
Large Text (above 18pt) WCAG AA × Fail

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 36.3204, 0.3336, 0.3263 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 36.3204, 0.3336, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 36.3204, 0.3336, 0.3263.



This preview shows how white text looks on a background with the Yxy color 36.3204, 0.3336, 0.3263.

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

36.3204, 0.3336, 0.3263

Protanopia

36.4486, 0.3156, 0.3290

Deuteranopia

36.2009, 0.3326, 0.3263



Tritanopia

36.4278, 0.3262, 0.3126

Trichromacy



Original Color

36.3204, 0.3336, 0.3263

Protanomaly

36.2609, 0.3215, 0.3276

Deuteranomaly

36.2009, 0.3326, 0.3263

Tritanomaly

36.3173, 0.3291, 0.3167

Monochromacy



Original Color

36.3204, 0.3336, 0.3263

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6444, 0.3205, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3204, 0.3336, 0.3263 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(180, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(180, 157, 159)  
}
```

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(180, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 157, 159) }
```

Border

The CSS property to change the border of an element to Yxy 36.3204, 0.3336, 0.3263 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(180, 157, 159) }
```

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

```
.border{ border-color:rgb(180, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(180, 157,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3204, 0.3336, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 157, 159) }
```

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

```
.background{ background-color: rgb(180,  
157, 159) }
```

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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