

Converting Colors

$Y_{xy}(37.5342, 0.3349, 0.3259)$

Have a look what the booklet for
Yxy(37.5342, 0.3349, 0.3259)
contains.

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Color

Yxy(37.5598, 0.3354, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B89FA1
RGB	184, 159, 161
RGB Percent	72%, 62%, 63%
CMY	0.2783, 0.3765, 0.3686
CMYK	0.00, 0.14, 0.13, 0.28
HSL	355°, 15%, 67%
HSV	355°, 14%, 72%
XYZ	38.6073, 37.5598, 38.9411
YIQ	166.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

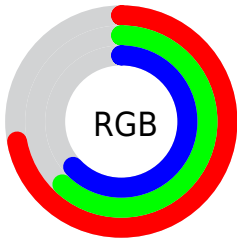
Format	Color
RYB	184, 159, 161
Decimal	12099489
CIELab	67.69, 9.54, 2.34
CIELCh	68, 9.822, 13.765
Yxy	37.5598, 0.3354, 0.3263
Android (android.graphics.Color)	4290289569 (0xFFB89FA1)
YUV	166.7030, -2.8116, 15.1695
Hunter-Lab	61.2861, 5.1959, 5.2274

Details

The Yxy color **37.5598, 0.3354, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0470, 0.2938, 0.3317**, and the grayscale version is **38.5036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5763, 0.3306, 0.3270**, and **16.6762, 0.3421, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **31.1395, 0.3569, 0.3242**, and if you desaturate by 10%, it is **45.0065, 0.3181, 0.3283**.

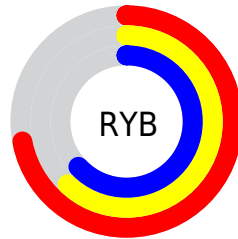
Distribution



Red (72%)

Green (62%)

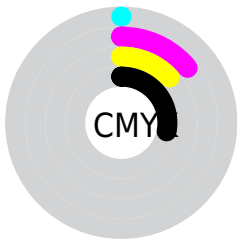
Blue (63%)



Red (72%)

Yellow (62%)

Blue (63%)

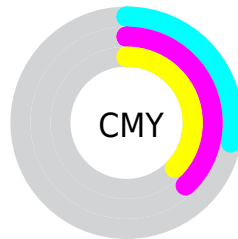


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5598, 0.3354, 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 37.5598, 0.3354, 0.3263 by changing the saturation by 10% instead.


 37.5598, 0.3354,
0.3263


 37.5598, 0.3354,
0.3263


335.7278, 0.3236,
0.3278

 25.6412, 0.3385,
0.3259


 71.4329, 0.3310,
0.3269

 16.5554, 0.3426,
0.3253


 94.1563, 0.3294,
0.3271

 9.9180, 0.3482,
0.3245


121.2500, 0.3280,
0.3272

 5.3446, 0.3564,
0.3233

153.0984, 0.3269,
0.3274

 2.4509, 0.3695,
0.3212

190.0860, 0.3259,
0.3275

 0.8519, 0.3959,
0.3185


232.5972, 0.3250,


 0.0000, 0.0000,


0.3276


0.0000

281.0164, 0.3243,
0.3277


 37.5598, 0.3354,
0.3263


 37.5598, 0.3354,
0.3263


 31.1395, 0.3569,
0.3242

 45.0065, 0.3181,
0.3283

 25.6960, 0.3835,
0.3220


 53.5167, 0.3042,
0.3302


 21.1829, 0.4160,
0.3200

 63.1315, 0.2929,
0.3319

 17.5480, 0.4545,
0.3185

 73.8887, 0.2838,
0.3334

 14.7341, 0.4981,
0.3177

 85.8240, 0.2764,
0.3348

■ 12.6773, 0.5435,
0.3181

■ 88.9358, 0.2721,
0.3289

■ 11.3040, 0.5853,
0.3200

■ 10.5261, 0.6172,
0.3234

■ 10.2301, 0.6312,
0.3251

Harmonies

Analogous

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



37.5598, 0.3230, 0.3145



37.5598, 0.3354, 0.3263



37.5598, 0.3416, 0.3390

Triad

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



37.5598, 0.3354, 0.3263



37.5598, 0.3168, 0.3529



37.5598, 0.2862, 0.3081

Complementary

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



37.5598, 0.3354, 0.3263



45.0470, 0.2938, 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.



37.5598, 0.2847, 0.3179



37.5598, 0.3354, 0.3263



37.5598, 0.3021, 0.3442

Square

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



37.5598, 0.3354, 0.3263



37.5598, 0.3307, 0.3547



37.5598, 0.2904, 0.3312



37.5598, 0.2947, 0.3041

Rectangle

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



37.5598, 0.3354, 0.3263



37.5598, 0.3413, 0.3464



37.5598, 0.2904, 0.3312



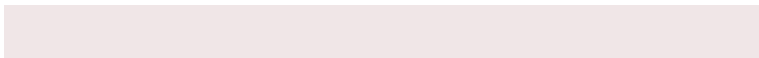
37.5598, 0.2849, 0.3108

Sweetspot

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



37.5615, 0.3354, 0.3263



80.8921, 0.3188, 0.3282



38.1941, 0.3123, 0.2957



17.2076, 0.3200, 0.3281



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.5615, 0.3354, 0.3263



64.7901, 0.3407, 0.3258



41.2339, 0.3354, 0.3431



9.0237, 0.3275, 0.3272



7.0512, 0.6295, 0.3242



0.2526, 0.5912, 0.3031

Inverse Universe

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



37.5615, 0.3354, 0.3263



64.7901, 0.3407, 0.3258



40.9514, 0.2919, 0.3144



9.0237, 0.3275, 0.3272



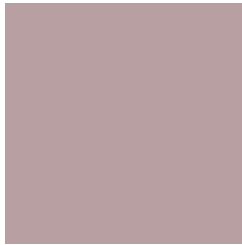
7.0512, 0.6295, 0.3242



0.2526, 0.5912, 0.3031

Previews

White Background



This preview shows how the Yxy color 37.5598, 0.3354, 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 37.5598, 0.3354, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

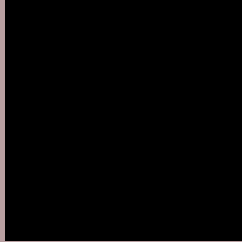
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5598, 0.3354, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 37.5598, 0.3354, 0.3263.



This preview shows how white text looks on a background with the Yxy color 37.5598, 0.3354, 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

37.5598, 0.3354, 0.3263

Protanopia

37.5561, 0.3165, 0.3290

Deuteranopia

37.6599, 0.3332, 0.3277



Tritanopia

37.6703, 0.3280, 0.3129

Trichromacy



Original Color

37.5598, 0.3354, 0.3263

Protanomaly

37.4837, 0.3233, 0.3276

Deuteranomaly

37.7821, 0.3342, 0.3277

Tritanomaly

37.5580, 0.3309, 0.3169

Monochromacy



Original Color

37.5598, 0.3354, 0.3263

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1518, 0.3203, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5598, 0.3354, 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(184, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 161)  
}
```

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(184, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 161) }
```

Border

The CSS property to change the border of an element to Yxy 37.5598, 0.3354, 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(184, 159, 161) }
```

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

```
.border{ border-color:rgb(184, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 159, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 159, 161); box-shadow:4px 4px 4px 4px rgb(184, 159, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5598, 0.3354, 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(184, 159, 161) }
```

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

```
.background{ background-color: rgb(184,  
159, 161) }
```

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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