

Converting Colors

$Yxy(36.7761, 0.3304, 0.3210)$

Have a look what the booklet for
Yxy(36.7761, 0.3304, 0.3210)
contains.

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Color

Yxy(36.9218, 0.3307, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	B59EA3
RGB	181, 158, 163
RGB Percent	71%, 62%, 64%
CMY	0.2901, 0.3804, 0.3608
CMYK	0.00, 0.13, 0.10, 0.29
HSL	347°, 13%, 66%
HSV	347°, 13%, 71%
XYZ	37.8958, 36.9218, 39.7752
YIQ	165.4470, 12.1030, 6.4310

Conversions

Conversions Part 2

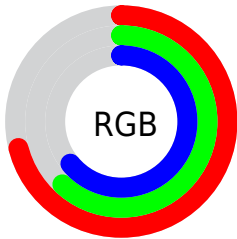
Format	Color
RYB	181, 158, 163
Decimal	11902627
CIELab	67.22, 9.31, 0.51
CIELCh	67, 9.320, 3.131
Yxy	36.9218, 0.3307, 0.3222
Android (android.graphics.Color)	4290092707 (0xFFB59EA3)
YUV	165.4470, -1.2064, 13.6400
Hunter-Lab	60.7633, 4.9881, 3.7236

Details

The Yxy color **36.9218, 0.3307, 0.3222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4592, 0.2973, 0.3359**, and the grayscale version is **37.8556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6550, 0.3271, 0.3238**, and **16.2523, 0.3368, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **30.7162, 0.3486, 0.3165**, and if you desaturate by 10%, it is **44.0972, 0.3162, 0.3276**.

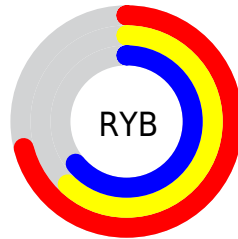
Distribution



Red (71%)

Green (62%)

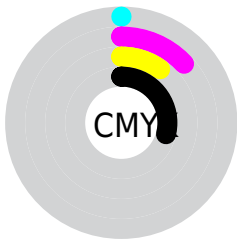
Blue (64%)



Red (71%)

Yellow (62%)

Blue (64%)

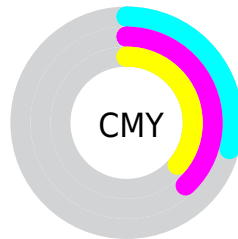


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9218, 0.3307, 0.3222 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 36.9218, 0.3307, 0.3222 by changing the saturation by 10% instead.


 36.9218, 0.3307,
0.3222


 36.9218, 0.3307,
0.3222


332.9718, 0.3213,
0.3258

 25.1469, 0.3332,
0.3213


 70.4525, 0.3272,
0.3235

 16.1866, 0.3364,
0.3200


 92.9771, 0.3259,
0.3240

 9.6563, 0.3409,
0.3183


119.8538, 0.3249,
0.3244

 5.1717, 0.3474,
0.3158

151.4670, 0.3239,
0.3248

 2.3483, 0.3579,
0.3117

188.2009, 0.3232,
0.3251

 0.7991, 0.3786,
0.3040


230.4401, 0.3225,

 0.0000, 0.0000,


0.3253

0.0000


278.5690, 0.3219,
0.3256


 36.9218, 0.3307,
0.3222


 36.9218, 0.3307,
0.3222

 30.7162, 0.3486,
0.3165


 44.0972, 0.3162,
0.3276


 25.4340, 0.3706,
0.3106


 52.2765, 0.3044,
0.3326


 21.0324, 0.3973,
0.3050

 61.4981, 0.2948,
0.3372

 17.4632, 0.4290,
0.3000

 71.7970, 0.2869,
0.3414

 14.6734, 0.4655,
0.2966

 83.2065, 0.2805,
0.3452

■ 12.6043, 0.5053,
0.2956

■ 88.1260, 0.2740,
0.3364

■ 11.1883, 0.5452,
0.2979

■ 88.5658, 0.2706,
0.3289

■ 10.3451, 0.5808,
0.3039

■ 9.9740, 0.6025,
0.3093

Harmonies

Analogous

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



36.9218, 0.3176, 0.3119



36.9218, 0.3307, 0.3222



36.9218, 0.3390, 0.3344

Triad

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



36.9218, 0.3307, 0.3222



36.9218, 0.3216, 0.3532



36.9218, 0.2861, 0.3119

Complementary

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



36.9218, 0.3307, 0.3222



43.4592, 0.2973, 0.3359

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.



36.9218, 0.2871, 0.3227



36.9218, 0.3307, 0.3222



36.9218, 0.3074, 0.3470

Square

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



36.9218, 0.3307, 0.3222



36.9218, 0.3336, 0.3525



36.9218, 0.2949, 0.3357



36.9218, 0.2920, 0.3059

Rectangle

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



36.9218, 0.3307, 0.3222



36.9218, 0.3406, 0.3421



36.9218, 0.2949, 0.3357



36.9218, 0.2856, 0.3150

Sweetspot

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



36.9234, 0.3307, 0.3222



77.1214, 0.3180, 0.3269



36.9794, 0.3091, 0.2977



16.4524, 0.3190, 0.3265



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.



36.9234, 0.3307, 0.3222



63.1370, 0.3349, 0.3208



38.8946, 0.3343, 0.3375



8.5344, 0.3254, 0.3241



6.8831, 0.5996, 0.3077



0.2252, 0.5233, 0.2657

Inverse Universe

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



36.9234, 0.3307, 0.3222



63.1370, 0.3349, 0.3208



41.2187, 0.2934, 0.3204



8.5344, 0.3254, 0.3241



6.8831, 0.5996, 0.3077



0.2252, 0.5233, 0.2657

Previews

White Background



This preview shows how the Yxy color 36.9218, 0.3307, 0.3222 looks on a white background.

Color Contrast Check

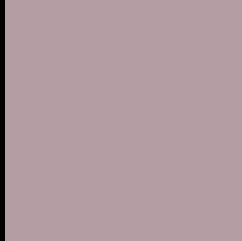
Large Text (above 18pt) WCAG AA × Fail

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 36.9218, 0.3307, 0.3222 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 36.9218, 0.3307, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 36.9218, 0.3307, 0.3222.



This preview shows how white text looks on a background with the Yxy color 36.9218, 0.3307, 0.3222.

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

36.9218, 0.3307, 0.3222

Protanopia

37.0546, 0.3129, 0.3247

Deuteranopia

36.8014, 0.3297, 0.3222



Tritanopia

36.9236, 0.3262, 0.3127

Trichromacy



Original Color

36.9218, 0.3307, 0.3222

Protanomaly

36.8643, 0.3187, 0.3234

Deuteranomaly

36.8014, 0.3297, 0.3222

Tritanomaly

36.8490, 0.3280, 0.3154

Monochromacy



Original Color

36.9218, 0.3307, 0.3222

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1789, 0.3195, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9218, 0.3307, 0.3222 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(181, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 163)  
}
```

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(181, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.9218, 0.3307, 0.3222 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(181, 158, 163) }
```

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

```
.border{ border-color:rgb(181, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9218, 0.3307, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 163) }
```

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

```
.background{ background-color: rgb(181,  
158, 163) }
```

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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