

Converting Colors

Yxy(38.5616, 0.3207, 0.3195)

Have a look what the booklet for
Yxy(38.5616, 0.3207, 0.3195)
contains.

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Color

Yxy(38.5616, 0.3207, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	B2A3AA
RGB	178, 163, 170
RGB Percent	70%, 64%, 67%
CMY	0.3021, 0.3607, 0.3334
CMYK	0.00, 0.08, 0.04, 0.30
HSL	332°, 9%, 67%
HSV	332°, 8%, 70%
XYZ	38.7064, 38.5616, 43.4256
YIQ	168.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

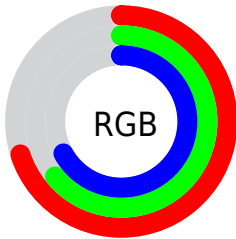
Format	Color
RYB	178, 163, 170
Decimal	11707306
CIELab	68.43, 6.68, -1.64
CIELCh	68, 6.877, 346.170
Yxy	38.5616, 0.3207, 0.3195
Android (android.graphics.Color)	4289897386 (0xFFB2A3AA)
YUV	168.2830, 0.8465, 8.5218
Hunter-Lab	62.0980, 2.5897, 2.0067

Details

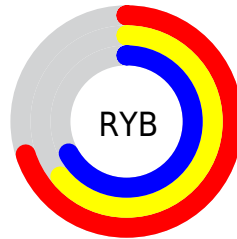
The Yxy color **38.5616, 0.3207, 0.3195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5572, 0.3054, 0.3387**, and the grayscale version is **39.2962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0715, 0.3195, 0.3216**, and **17.0369, 0.3227, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **32.3343, 0.3320, 0.3076**, and if you desaturate by 10%, it is **45.7077, 0.3113, 0.3307**.

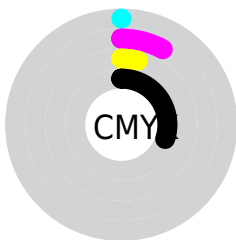
Distribution



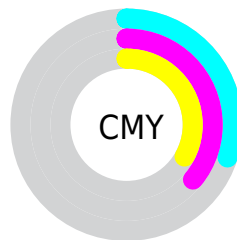
- Red (70%)
- Green (64%)
- Blue (67%)



- Red (70%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (30%)





- Cyan (30%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5616, 0.3207, 0.3195 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 38.5616, 0.3207, 0.3195 by changing the saturation by 10% instead.


 38.5616, 0.3207,
0.3195

 38.5616, 0.3207,
0.3195

340.0230, 0.3166,
0.3244

 26.4189, 0.3218,
0.3182


 72.9681, 0.3192,
0.3213

 17.1372, 0.3231,
0.3166


 96.0007, 0.3186,
0.3220

 10.3324, 0.3250,
0.3144


123.4319, 0.3182,
0.3225

 5.6199, 0.3278,
0.3112

155.6463, 0.3177,
0.3230

 2.6154, 0.3321,
0.3061

193.0282, 0.3174,
0.3234

 0.9344, 0.3397,
0.2972


235.9621, 0.3171,


 0.0000, 0.0000,

0.3238

0.0000


284.8322, 0.3168,
0.3241


 38.5616, 0.3207,
0.3195


 38.5616, 0.3207,
0.3195

 32.3343, 0.3320,
0.3076


 45.7077, 0.3113,
0.3307


 26.9832, 0.3456,
0.2953


 53.8028, 0.3036,
0.3412


 22.4699, 0.3618,
0.2830

 62.8820, 0.2972,
0.3509

 18.7513, 0.3808,
0.2712

 72.9771, 0.2920,
0.3598

 15.7801, 0.4027,
0.2610

 84.1185, 0.2876,
0.3679

■ 13.5041, 0.4271,
0.2534

■ 86.5274, 0.2829,
0.3601

■ 11.8645, 0.4532,
0.2497

■ 87.0667, 0.2781,
0.3493

■ 10.7921, 0.4798,
0.2510

■ 87.6355, 0.2734,
0.3387

■ 10.1705, 0.5056,
0.2571

■ 88.2014, 0.2691,
0.3289

Harmonies

Analogous

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



38.5616, 0.3104, 0.3136



38.5616, 0.3207, 0.3195



38.5616, 0.3290, 0.3279

Triad

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



38.5616, 0.3207, 0.3195



38.5616, 0.3245, 0.3469



38.5616, 0.2931, 0.3208

Complementary

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



38.5616, 0.3207, 0.3195



42.5572, 0.3054, 0.3387

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.



38.5616, 0.2967, 0.3298



38.5616, 0.3207, 0.3195



38.5616, 0.3148, 0.3451

Square

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



38.5616, 0.3207, 0.3195



38.5616, 0.3312, 0.3437



38.5616, 0.3046, 0.3388



38.5616, 0.2946, 0.3141

Rectangle

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



38.5616, 0.3207, 0.3195



38.5616, 0.3321, 0.3339



38.5616, 0.3046, 0.3388



38.5616, 0.2937, 0.3236

Sweetspot

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



38.5633, 0.3207, 0.3195



76.6824, 0.3155, 0.3256



38.0703, 0.3072, 0.3084



16.7588, 0.3162, 0.3247



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.



38.5633, 0.3207, 0.3195



67.8384, 0.3226, 0.3174



38.4839, 0.3269, 0.3297



8.5690, 0.3217, 0.3184



7.2312, 0.5070, 0.2567



0.2393, 0.4421, 0.2209

Inverse Universe

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



38.5633, 0.3207, 0.3195



67.8384, 0.3226, 0.3174



42.6321, 0.3000, 0.3283



8.5690, 0.3217, 0.3184



7.2312, 0.5070, 0.2567



0.2393, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 38.5616, 0.3207, 0.3195 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 38.5616, 0.3207, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

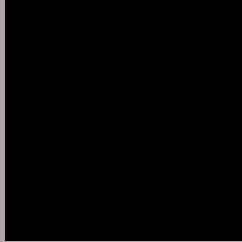
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

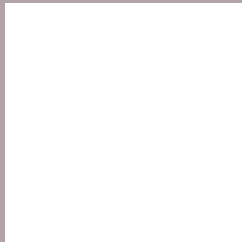
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5616, 0.3207, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 38.5616, 0.3207, 0.3195.



This preview shows how white text looks on a background with the Yxy color 38.5616, 0.3207, 0.3195.

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

38.5616, 0.3207, 0.3195

Protanopia

38.5758, 0.3094, 0.3206

Deuteranopia

38.5667, 0.3237, 0.3182



Tritanopia

38.5195, 0.3173, 0.3114

Trichromacy



Original Color

38.5616, 0.3207, 0.3195

Protanomaly

38.6212, 0.3140, 0.3207

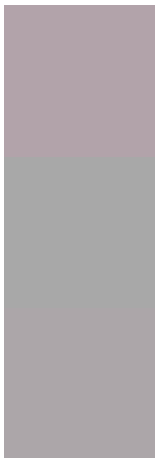
Deuteranomaly

38.4462, 0.3227, 0.3182

Tritanomaly

38.4415, 0.3191, 0.3141

Monochromacy



Original Color

38.5616, 0.3207, 0.3195

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9077, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5616, 0.3207, 0.3195 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, 163, 170)` looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 170)  
}
```

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, 163, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 170) }
```

Border

The CSS property to change the border of an element to Yxy 38.5616, 0.3207, 0.3195 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, 163, 170) }
```

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

```
.border{ border-color:rgb(178, 163, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 163, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 170);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5616, 0.3207, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 170) }
```

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

```
.background{ background-color: rgb(178,  
163, 170) }
```

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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