

Converting Colors

$Yxy(38.0576, 0.3178, 0.3207)$

Have a look what the booklet for
Yxy(38.0576, 0.3178, 0.3207)
contains.

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Color

Yxy(38.0576, 0.3178, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	AEA3A9
RGB	174, 163, 169
RGB Percent	68%, 64%, 66%
CMY	0.3177, 0.3608, 0.3372
CMYK	0.00, 0.06, 0.03, 0.32
HSL	327°, 6%, 66%
HSV	327°, 6%, 68%
XYZ	37.7135, 38.0576, 42.8994
YIQ	166.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

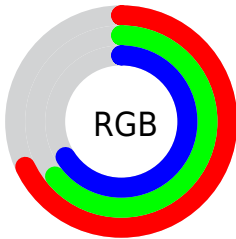
Format	Color
RYB	174, 163, 169
Decimal	11445161
CIELab	68.06, 5.07, -1.68
CIELCh	68, 5.346, 341.640
Yxy	38.0576, 0.3178, 0.3207
Android (android.graphics.Color)	4289635241 (0xFFFAEA3A9)
YUV	166.9730, 0.9993, 6.1627
Hunter-Lab	61.6908, 1.1634, 1.9538

Details

The Yxy color **38.0576, 0.3178, 0.3207** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8828, 0.3079, 0.3374**, and the grayscale version is **38.6237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1826, 0.3166, 0.3226**, and **16.7908, 0.3199, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **32.0121, 0.3271, 0.3070**, and if you desaturate by 10%, it is **44.9744, 0.3100, 0.3337**.

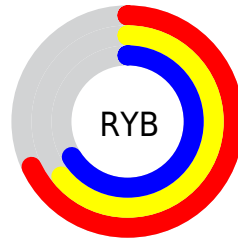
Distribution



Red (68%)

Green (64%)

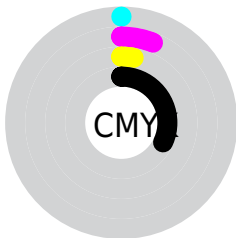
Blue (66%)



Red (68%)

Yellow (64%)

Blue (66%)

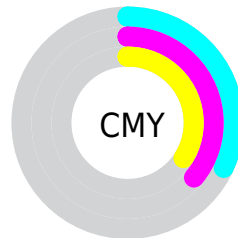


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (32%)



Cyan (32%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0576, 0.3178, 0.3207 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 38.0576, 0.3178, 0.3207 by changing the saturation by 10% instead.


 38.0576, 0.3178,
0.3207


 38.0576, 0.3178,
0.3207


337.8670, 0.3152,
0.3250

 26.0274, 0.3185,
0.3196


 72.1964, 0.3168,
0.3223

 16.8441, 0.3194,
0.3181


 95.0738, 0.3165,
0.3229

 10.1234, 0.3206,
0.3162


122.3357, 0.3162,
0.3234

 5.4809, 0.3223,
0.3133

154.3666, 0.3159,
0.3238

 2.5321, 0.3251,
0.3089

191.5507, 0.3157,
0.3241

 0.8926, 0.3300,
0.3009

234.2726, 0.3155,

 0.0000, 0.0000,

0.3245

0.0000

282.9165, 0.3153,
0.3247

■ 38.0576, 0.3178,
0.3207

■ 38.0576, 0.3178,
0.3207

■ 32.0121, 0.3271,
0.3070

■ 44.9744, 0.3100,
0.3337

■ 26.7980, 0.3383,
0.2927

■ 52.7903, 0.3035,
0.3458

■ 22.3799, 0.3515,
0.2784

■ 61.5381, 0.2982,
0.3570

■ 18.7178, 0.3668,
0.2645

■ 71.2474, 0.2937,
0.3673

■ 15.7682, 0.3843,
0.2521

■ 81.9465, 0.2900,
0.3768

■ 13.4831, 0.4038,
0.2421

■ 85.4932, 0.2862,
0.3727

■ 11.8086, 0.4247,
0.2357

■ 85.9119, 0.2822,
0.3635

■ 10.6820, 0.4463,
0.2340

■ 86.3505, 0.2782,
0.3544

■ 10.0192, 0.4675,
0.2374

■ 86.8092, 0.2743,
0.3454

Harmonies

Analogous

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



38.0576, 0.3097, 0.3164



38.0576, 0.3178, 0.3207



38.0576, 0.3246, 0.3271

Triad

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



38.0576, 0.3178, 0.3207



38.0576, 0.3229, 0.3428



38.0576, 0.2975, 0.3236

Complementary

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



38.0576, 0.3178, 0.3207



40.8828, 0.3079, 0.3374

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.



38.0576, 0.3010, 0.3308



38.0576, 0.3178, 0.3207



38.0576, 0.3156, 0.3420

Square

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



38.0576, 0.3178, 0.3207



38.0576, 0.3276, 0.3399



38.0576, 0.3076, 0.3376



38.0576, 0.2981, 0.3180

Rectangle

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



38.0576, 0.3178, 0.3207



38.0576, 0.3274, 0.3318



38.0576, 0.3076, 0.3376



38.0576, 0.2982, 0.3259

Sweetspot

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



38.0593, 0.3178, 0.3207



74.2143, 0.3143, 0.3264



37.5715, 0.3078, 0.3136



16.5252, 0.3142, 0.3265



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.0593, 0.3178, 0.3207



66.9224, 0.3194, 0.3182



37.8585, 0.3227, 0.3283



8.0858, 0.3204, 0.3167



7.1397, 0.4732, 0.2380



0.2095, 0.4156, 0.2063

Inverse Universe

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



38.0593, 0.3178, 0.3207



66.9224, 0.3194, 0.3182



41.0905, 0.3035, 0.3297



8.0858, 0.3204, 0.3167



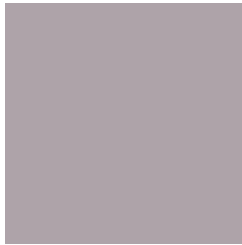
7.1397, 0.4732, 0.2380



0.2095, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 38.0576, 0.3178, 0.3207 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 38.0576, 0.3178, 0.3207 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

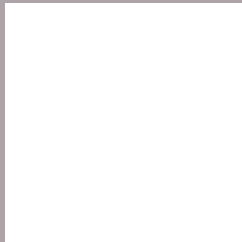
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0576, 0.3178, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 38.0576, 0.3178, 0.3207.



This preview shows how white text looks on a background with the Yxy color 38.0576, 0.3178, 0.3207.

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

38.0576, 0.3178, 0.3207

Protanopia

38.1374, 0.3112, 0.3220

Deuteranopia

38.0576, 0.3237, 0.3181



Tritanopia

38.0498, 0.3136, 0.3112

Trichromacy



Original Color

38.0576, 0.3178, 0.3207

Protanomaly

37.9992, 0.3131, 0.3206

Deuteranomaly

38.1702, 0.3217, 0.3194

Tritanomaly

37.9718, 0.3153, 0.3139

Monochromacy



Original Color

38.0576, 0.3178, 0.3207

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6456, 0.3147, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0576, 0.3178, 0.3207 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(174, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 169)  
}
```

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(174, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 169) }
```

Border

The CSS property to change the border of an element to Yxy 38.0576, 0.3178, 0.3207 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(174, 163, 169) }
```

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

```
.border{ border-color:rgb(174, 163, 169) }
```

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

Here you see how a box with a 4 pixel rgb(174, 163, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0576, 0.3178, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 169) }
```

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

```
.background{ background-color: rgb(174,  
163, 169) }
```

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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