

Converting Colors

XYZ(38.5736, 39.1593, 47.0517)

Have a look what the booklet for
XYZ(38.5736, 39.1593, 47.0517)
contains.

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Color

**XYZ(38.5853, 39.2174,
47.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA6B1
RGB	172, 166, 177
RGB Percent	67%, 65%, 69%
CMY	0.3255, 0.3490, 0.3059
CMYK	0.03, 0.06, 0.00, 0.31
HSL	273°, 7%, 67%
HSV	273°, 6%, 69%
XYZ	38.5853, 39.2174, 47.1310
YIQ	169.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

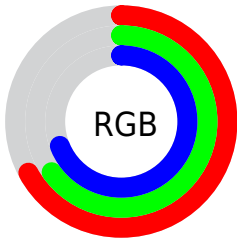
Format	Color
RYB	172, 166, 177
Decimal	11314865
CIELab	68.91, 4.24, -4.90
CIELCh	69, 6.477, 310.883
Yxy	39.2174, 0.3088, 0.3139
Android (android.graphics.Color)	4289504945 (0xFFACA6B1)
YUV	169.0480, 3.9203, 2.5889
Hunter-Lab	62.6238, 0.3901, -0.7853

Details

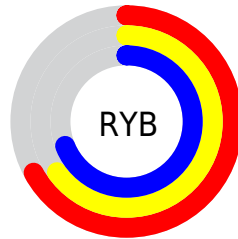
The XYZ color **38.5853, 39.2174, 47.1310** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4010, 42.8564, 42.2738**, and the grayscale version is **37.7180, 39.6822, 43.2140**.

A 20% lighter version of the original color is **72.2430, 73.9270, 87.5525**, and **17.4011, 17.4829, 21.5262** is the 20% darker color. If you saturate the color by 10%, you get **33.8740, 32.3373, 46.0519**, and if you desaturate by 10%, it is **43.8487, 47.0417, 48.3644**.

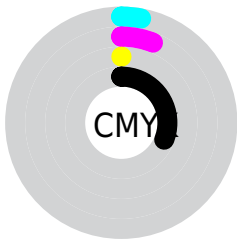
Distribution



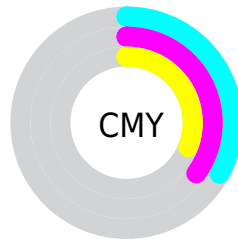
- Red (67%)
- Green (65%)
- Blue (69%)



- Red (67%)
- Yellow (65%)
- Blue (69%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5853, 39.2174, 47.1310 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 XYZ color 38.5853, 39.2174, 47.1310 by changing the saturation by 10% instead.

■ 38.5853, 39.2174,
47.1310

■ 38.5853, 39.2174,
47.1310

331.3617,
342.8139, 391.7461

■ 26.6165, 26.9289,
32.7841

■ 72.3025, 73.9703,
87.2612

■ 17.4205, 17.5198,
21.6914

■ 94.7817, 97.2035,
113.8815

■ 10.6319, 10.6058,
13.4342

121.4950,
124.8537, 145.4302

■ 5.8854, 5.8024,
7.5940

152.8079,
157.3054, 182.3256

■ 2.8155, 2.7253,
3.7522

189.0856,
194.9428, 224.9864

■ 1.0570, 0.9901,
1.4904

230.6936,

■ 0.0000, 0.0000,

238.1504, 273.8310

0.2108

277.9972,
287.3127, 329.2781

■ 0.0000, 0.0000,
0.0000

■ 38.5853, 39.2174,
47.1310

■ 38.5853, 39.2174,
47.1310

■ 33.8740, 32.3373,
46.0519

■ 43.8487, 47.0417,
48.3644

■ 29.6915, 26.3594,
45.1185

■ 49.6795, 55.8399,
49.7553

■ 26.0178, 21.2460,
44.3251

■ 56.0968, 65.6468,
51.3100

■ 22.8302, 16.9547,
43.6648

■ 63.1174, 76.4938,
53.0337

■ 20.1043, 13.4395,
43.1300

■ 70.7578, 88.4109,
54.9312

■ 17.8131, 10.6497,
42.7123

■ 73.2972, 89.9544,
55.0953

■ 15.9264, 8.5282,
42.4022

■ 75.7960, 91.2426,
55.2122

■ 14.4097, 7.0090,
42.1889

■ 78.4137, 92.5920,
55.3348

■ 13.2176, 6.0052,
42.0580

■ 81.1519, 94.0036,
55.4629

Harmonies

Analogous

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



37.6499, 39.2174, 48.5121



38.5853, 39.2174, 47.1310



39.1762, 39.2174, 44.5842

Triad

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



38.5853, 39.2174, 47.1310



37.9268, 39.2174, 37.5667



35.3652, 39.2174, 43.7801

Complementary

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



38.5853, 39.2174, 47.1310



39.4010, 42.8564, 42.2738

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.



35.4362, 39.2174, 40.8717



38.5853, 39.2174, 47.1310



36.9026, 39.2174, 37.3737

Square

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



38.5853, 39.2174, 47.1310



38.7913, 39.2174, 39.0979



35.9946, 39.2174, 38.5578



35.7987, 39.2174, 46.5191

Rectangle

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



38.5853, 39.2174, 47.1310



39.2889, 39.2174, 42.6138



35.9946, 39.2174, 38.5578



35.3310, 39.2174, 42.7885

Sweetspot

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



38.5864, 39.2191, 47.1319



72.9227, 75.8851, 85.2991



38.2513, 40.4590, 47.3889



15.8260, 16.4788, 18.4909



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.5864, 39.2191, 47.1319



68.3010, 69.0534, 84.2241



39.6681, 39.7809, 46.9920



8.6774, 8.7553, 10.7389



9.3561, 4.1590, 30.4466



0.3606, 0.1650, 0.9611

Inverse Universe

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



39.1197, 39.5615, 44.1042



69.3931, 69.7546, 78.0308



38.3661, 42.3189, 42.4011



8.8233, 8.8490, 9.9117



14.2285, 7.2090, 6.3632



0.4772, 0.2386, 0.3558

Previews

White Background



This preview shows how the XYZ color 38.5853, 39.2174, 47.1310 looks on a white background.

Color Contrast Check

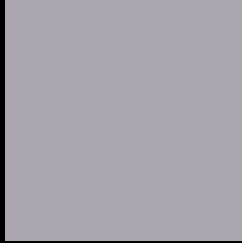
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.5853, 39.2174, 47.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

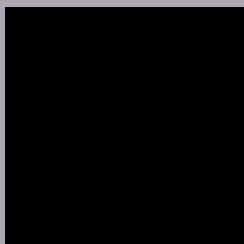
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

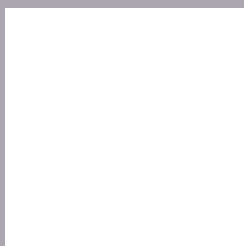
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5853, 39.2174, 47.1310

Background



This preview shows how black text looks on a background with the XYZ color 38.5853, 39.2174, 47.1310.



This preview shows how white text looks on a background with the XYZ color 38.5853, 39.2174,

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

38.5853, 39.2174, 47.1310

Protanopia

38.0030, 39.1766, 47.6783

Deuteranopia

39.9555, 39.1120, 47.5630



Tritanopia

38.7862, 39.2978, 48.1888

Trichromacy



Original Color

38.5853, 39.2174, 47.1310

Protanomaly

38.2168, 39.2868, 47.6883

Deuteranomaly

39.4428, 39.1124, 47.5901

Tritanomaly

38.6854, 39.2574, 47.6580

Monochromacy



Original Color

38.5853, 39.2174, 47.1310

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0266, 39.5299, 44.6555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5853, 39.2174, 47.1310 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(172, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 166, 177)  
}
```

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(172, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 177) }
```

Border

The CSS property to change the border of an element to XYZ 38.5853, 39.2174, 47.1310 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(172, 166, 177) }
```


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

```
.border{ border-color:rgb(172, 166, 177) }
```

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

Here you see how a box with a 4 pixel rgb(172, 166, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 166,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5853, 39.2174, 47.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 166, 177) }
```

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

```
.background{ background-color: rgb(172,  
166, 177) }
```

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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