

Converting Colors

XYZ(38.4947, 41.0823, 47.6130)

Have a look what the booklet for
XYZ(38.4947, 41.0823, 47.6130)
contains.

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Color

**XYZ(38.3964, 41.0608,
47.4968)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A5ADB1 |
| RGB | 165, 173, 177 |
| RGB Percent | 65%, 68%, 69% |
| CMY | 0.3529, 0.3216, 0.3059 |
| CMYK | 0.07, 0.02, 0.00, 0.31 |
| HSL | 200°, 7%, 67% |
| HSV | 200°, 7%, 69% |
| XYZ | 38.3964, 41.0608, 47.4968 |
| YIQ | 171.0640, -6.0520, -0.4520 |

Conversions

Conversions Part 2

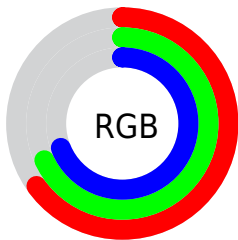
| Format | Color |
|-------------------------------------|--|
| RYB | 165, 170, 177 |
| Decimal | 10857905 |
| CIELab | 70.22, -2.01, -3.03 |
| CIElCh | 70, 3.636, 236.393 |
| Yxy | 41.0608, 0.3024, 0.3234 |
| Android (android.graphics.Color) | 4289047985 (0xFFA5ADB1) |
| YUV | 171.0640, 2.9264, -5.3181 |
| Hunter-Lab | 64.0787, -5.1793, 0.9078 |

Details

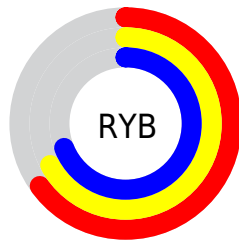
The XYZ color **38.3964, 41.0608, 47.4968** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1110, 40.4392, 41.3421**, and the grayscale version is **38.7297, 40.7467, 44.3731**.

A 20% lighter version of the original color is **71.9666, 76.5856, 88.0803**, and **17.2855, 18.6407, 21.7558** is the 20% darker color. If you saturate the color by 10%, you get **33.8612, 37.0824, 46.9686**, and if you desaturate by 10%, it is **43.4934, 45.4051, 48.0673**.

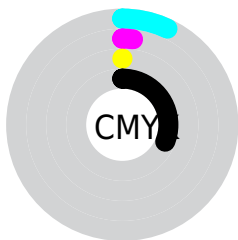
Distribution



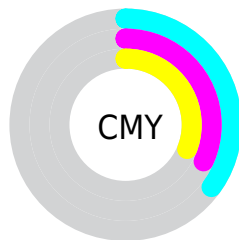
- Red (65%)
- Green (68%)
- Blue (69%)



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



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3964, 41.0608, 47.4968 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 38.3964, 41.0608, 47.4968 by changing the saturation by 10% instead.

■ 38.3964, 41.0608,
47.4968

■ 38.3964, 41.0608,
47.4968

330.5689,
350.5747, 393.2451

■ 26.4691, 28.3666,
33.0714

■ 72.0153, 76.7762,
87.8124

■ 17.3094, 18.6022,
21.9096

■ 94.4376, 100.5661,
114.5398

■ 10.5520, 11.3832,
13.5928

121.0890,
128.8235, 146.2049

■ 5.8315, 6.3252,
7.7025

152.3347,
161.9326, 183.2262

■ 2.7826, 3.0438,
3.8202

188.5402,
200.2779, 226.0224

■ 1.0399, 1.1546,
1.5272

230.0709,

■ 0.0000, 0.0242,

244.2437, 275.0119

0.2381

277.2920,
294.2145, 330.6133

■ 0.0000, 0.0000,
0.0000

■ 38.3964, 41.0608,
47.4968

■ 38.3964, 41.0608,
47.4968

■ 33.8612, 37.0824,
46.9686

■ 43.4934, 45.4051,
48.0673

■ 29.8628, 33.4528,
46.4787

■ 49.1690, 50.1216,
48.6786

■ 26.3795, 30.1608,
46.0269

■ 55.4433, 55.2226,
49.3325

■ 23.3868, 27.1930,
45.6118

■ 62.3349, 60.7187,
50.0301

■ 20.8578, 24.5344,
45.2319

■ 69.8610, 66.6195,
50.7724

■ 18.7631, 22.1688,
44.8857

■ 71.8243, 69.7311,
51.2695

■ 17.0695, 20.0782,
44.5714

■ 73.2921, 72.6667,
51.7588

■ 15.7386, 18.2415,
44.2871

■ 74.8139, 75.7104,
52.2661

■ 14.7168, 16.6301,
44.0299

■ 76.3903, 78.8632,
52.7915

Harmonies

Analogous

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



38.0098, 41.0608, 46.1826



38.3964, 41.0608, 47.4968



38.9550, 41.0608, 48.0632

Triad

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



38.3964, 41.0608, 47.4968



40.1816, 41.0608, 44.9150



38.5200, 41.0608, 41.8332

Complementary

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



38.3964, 41.0608, 47.4968



39.1110, 40.4392, 41.3421

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.



39.0992, 41.0608, 41.5131



38.3964, 41.0608, 47.4968



40.0623, 41.0608, 43.2656

Square

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



38.3964, 41.0608, 47.4968



39.9890, 41.0608, 46.5489



39.6646, 41.0608, 42.0310



38.0807, 41.0608, 42.9167

Rectangle

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



38.3964, 41.0608, 47.4968



39.3513, 41.0608, 47.9302



39.6646, 41.0608, 42.0310



38.7046, 41.0608, 41.6340

Sweetspot

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



38.3976, 41.0625, 47.4977



72.9715, 77.1491, 85.5406



38.3825, 42.3013, 43.5803



15.8360, 16.7381, 18.5405



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.



38.3976, 41.0625, 47.4977



67.6074, 72.5357, 84.9328



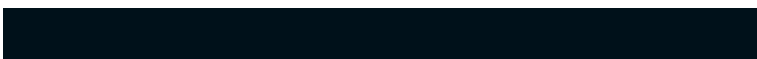
37.3088, 38.8850, 47.1348



8.4994, 9.1451, 10.8235



10.5047, 11.8098, 31.8629



0.3815, 0.4735, 1.0195

Inverse Universe

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



39.1303, 39.2752, 45.0557



69.1731, 68.7470, 79.7077



40.2147, 42.6465, 41.7099



8.7273, 8.5976, 10.0623



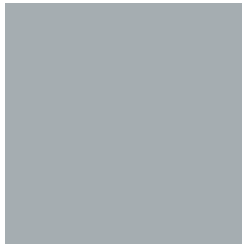
15.5370, 7.7323, 13.2535



0.5146, 0.2536, 0.5524

Previews

White Background



This preview shows how the XYZ color 38.3964, 41.0608, 47.4968 looks on a white background.

Color Contrast Check

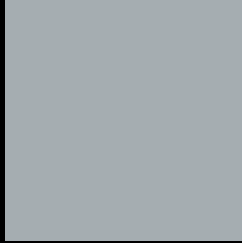
Large Text (above 18pt) WCAG AA × Fail

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 38.3964, 41.0608, 47.4968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

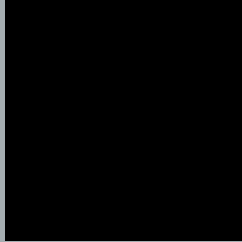
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

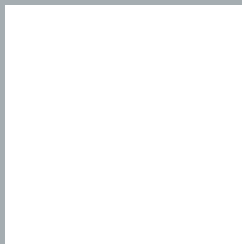
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3964, 41.0608, 47.4968

Background



This preview shows how black text looks on a background with the XYZ color 38.3964, 41.0608, 47.4968.



This preview shows how white text looks on a background with the XYZ color 38.3964, 41.0608,

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

38.3964, 41.0608, 47.4968

Protanopia

39.6330, 41.1446, 46.9271

Deuteranopia

41.6797, 40.8011, 47.7981



Tritanopia

39.2354, 41.1148, 51.7670

Trichromacy



Original Color

38.3964, 41.0608, 47.4968

Protanomaly

39.1666, 41.1857, 46.9596

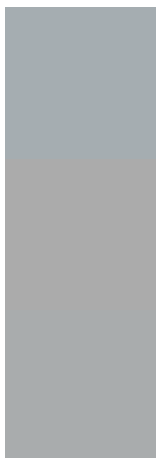
Deuteranomaly

40.5839, 41.0553, 47.9049

Tritanomaly

38.9219, 40.9894, 50.1163

Monochromacy



Original Color

38.3964, 41.0608, 47.4968

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6575, 40.9572, 45.4032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3964, 41.0608, 47.4968 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(165, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(165, 173, 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(165, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 173, 177) }
```

Border

The CSS property to change the border of an element to XYZ 38.3964, 41.0608, 47.4968 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(165, 173, 177) }
```


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

```
.border{ border-color:rgb(165, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(165, 173,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3964, 41.0608, 47.4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 173, 177) }
```

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

```
.background{ background-color: rgb(165,  
173, 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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