

Converting Colors

XYZ(38.5181, 37.4119, 46.7313)

Have a look what the booklet for
XYZ(38.5181, 37.4119, 46.7313)
contains.

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Color

**XYZ(38.4654, 37.3177,
46.7707)**

Conversions

Conversions Part 1

Format	Color
Hex	B19FB1
RGB	177, 159, 177
RGB Percent	69%, 62%, 69%
CMY	0.3059, 0.3765, 0.3059
CMYK	0.00, 0.10, 0.00, 0.31
HSL	300°, 10%, 66%
HSV	300°, 10%, 69%
XYZ	38.4654, 37.3177, 46.7707
YIQ	166.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

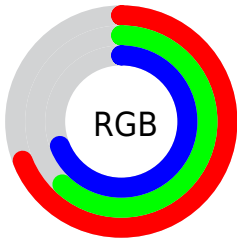
Format	Color
RYB	177, 159, 177
Decimal	11640753
CIELab	67.51, 9.86, -6.91
CIELCh	68, 12.045, 324.972
Yxy	37.3177, 0.3139, 0.3045
Android (android.graphics.Color)	4289830833 (0xFFB19FB1)
YUV	166.4340, 5.2090, 9.2664
Hunter-Lab	61.0882, 5.4917, -2.6322

Details

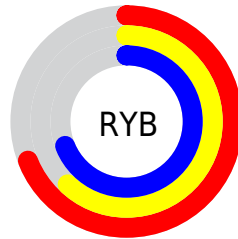
The XYZ color **38.4654, 37.3177, 46.7707** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2796, 41.3194, 38.8661**, and the grayscale version is **36.4303, 38.3275, 41.7387**.

A 20% lighter version of the original color is **72.3588, 71.3000, 87.0393**, and **17.3128, 16.4654, 21.3344** is the 20% darker color. If you saturate the color by 10%, you get **35.6374, 31.6612, 45.8285**, and if you desaturate by 10%, it is **41.7314, 43.8492, 47.8598**.

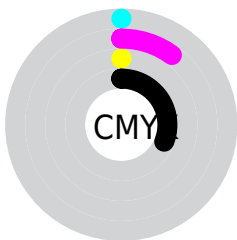
Distribution



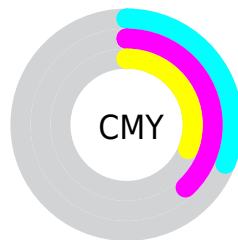
- Red (69%)
- Green (62%)
- Blue (69%)



- Red (69%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4654, 37.3177, 46.7707 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 38.4654, 37.3177, 46.7707 by changing the saturation by 10% instead.

■ 38.4654, 37.3177,
46.7707

■ 38.4654, 37.3177,
46.7707

330.8587,
334.6839, 390.2657

■ 26.5229, 25.4536,
32.5014

■ 72.1202, 71.0611,
86.7176

■ 17.3500, 16.4153,
21.4768

■ 94.5633, 93.7092,
113.2323

■ 10.5812, 9.8185,
13.2783

121.2373,
120.7208, 144.6659

■ 5.8512, 5.2788,
7.4875

152.5076,
152.4802, 181.4369

■ 2.7946, 2.4117,
3.6858

188.7395,
189.3718, 223.9638

■ 1.0461, 0.8319,
1.4546

230.2984,

■ 0.0000, 0.0000,

231.7800, 272.6653

0.1838

277.5497,
280.0893, 327.9597

■ 0.0000, 0.0000,
0.0000

■ 38.4654, 37.3177,
46.7707

■ 38.4654, 37.3177,
46.7707

■ 35.6374, 31.6612,
45.8285

■ 41.7314, 43.8492,
47.8598

■ 33.2257, 26.8378,
45.0246

■ 45.4496, 51.2854,
49.0992

■ 31.2118, 22.8099,
44.3533

■ 49.6373, 59.6608,
50.4951

■ 29.5741, 19.5345,
43.8074

■ 54.3101, 69.0065,
52.0527

■ 28.2894, 16.9652,
43.3792

■ 59.4830, 79.3523,
53.7770

■ 27.3318, 15.0499,
43.0599

■ 61.8277, 84.0416,
54.5586

■ 26.6717, 13.7298,
42.8399

■ 61.8277, 84.0416,
54.5586

■ 26.2744, 12.9351,
42.7075

■ 61.8277, 84.0416,
54.5586

■ 26.0676, 12.5216,
42.6386

■ 61.8277, 84.0416,
54.5586

Harmonies

Analogous

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



36.9938, 37.3177, 50.5945



38.4654, 37.3177, 46.7707



39.1355, 37.3177, 41.5329

Triad

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



38.4654, 37.3177, 46.7707



35.7823, 37.3177, 31.2982



32.3388, 37.3177, 45.0911

Complementary

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



38.4654, 37.3177, 46.7707



36.2796, 41.3194, 38.8661

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.



32.0396, 37.3177, 39.7455



38.4654, 37.3177, 46.7707



33.9874, 37.3177, 32.0725

Square

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



38.4654, 37.3177, 46.7707



37.5524, 37.3177, 32.8419



32.6331, 37.3177, 35.0566



33.4648, 37.3177, 49.5672

Rectangle

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



38.4654, 37.3177, 46.7707



39.0212, 37.3177, 38.0549



32.6331, 37.3177, 35.0566



32.1399, 37.3177, 43.3242

Sweetspot

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



38.4665, 37.3193, 46.7715



72.9706, 74.9954, 85.1249



34.6853, 35.4467, 46.6094



15.7107, 16.0464, 18.4135



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.



38.4665, 37.3193, 46.7715



67.7968, 64.6478, 83.4003



37.6267, 36.9834, 42.3491



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8927



0.5943, 0.2854, 0.9720

Inverse Universe

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



36.7889, 36.6483, 37.9376



64.2400, 63.2250, 64.6701



37.0615, 41.6322, 42.9832



8.4964, 8.5053, 8.8464



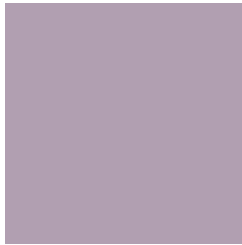
13.1369, 6.7723, 0.6148



0.4133, 0.2131, 0.0193

Previews

White Background



This preview shows how the XYZ color 38.4654, 37.3177, 46.7707 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 38.4654, 37.3177, 46.7707 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 38.4654, 37.3177, 46.7707

Background



This preview shows how black text looks on a background with the XYZ color 38.4654, 37.3177, 46.7707.



This preview shows how white text looks on a background with the XYZ color 38.4654, 37.3177,

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

38.4654, 37.3177, 46.7707

Protanopia

36.4397, 37.2762, 48.4545

Deuteranopia

38.1858, 37.4299, 46.8071



Tritanopia

37.9217, 37.3503, 44.2404

Trichromacy



Original Color

38.4654, 37.3177, 46.7707

Protanomaly

37.2055, 37.4202, 47.9097

Deuteranomaly

38.4111, 37.5460, 46.8176

Tritanomaly

38.1153, 37.4277, 45.2598

Monochromacy



Original Color

38.4654, 37.3177, 46.7707

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9305, 37.6427, 43.3495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4654, 37.3177, 46.7707 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(177, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 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(177, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 177) }
```

Border

The CSS property to change the border of an element to XYZ 38.4654, 37.3177, 46.7707 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(177, 159, 177) }
```


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

```
.border{ border-color:rgb(177, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 159,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4654, 37.3177, 46.7707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 159, 177) }
```

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

```
.background{ background-color: rgb(177,  
159, 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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