

Converting Colors

XYZ(38.1938, 38.9517, 41.1165)

Have a look what the booklet for
XYZ(38.1938, 38.9517, 41.1165)
contains.

XYZ(38.1512, 38.8570, 41.0867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.1512, 38.8570,
41.0867)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A5A5
RGB	176, 165, 165
RGB Percent	69%, 65%, 65%
CMY	0.3098, 0.3529, 0.3529
CMYK	0.00, 0.06, 0.06, 0.31
HSL	0°, 7%, 67%
HSV	0°, 6%, 69%
XYZ	38.1512, 38.8570, 41.0867
YIQ	168.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

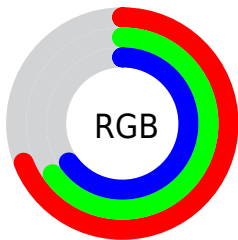
Format	Color
RYB	176, 165, 165
Decimal	11576741
CIELab	68.65, 3.97, 1.42
CIElCh	69, 4.216, 19.665
Yxy	38.8570, 0.3231, 0.3290
Android (android.graphics.Color)	4289766821 (0xFFB0A5A5)
YUV	168.2890, -1.6215, 6.7625
Hunter-Lab	62.3354, 0.1607, 4.5554

Details

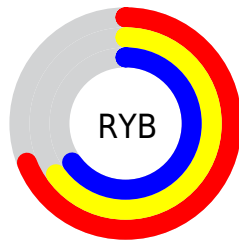
The XYZ color **38.1512, 38.8570, 41.0867** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8788, 42.1840, 47.1681**, and the grayscale version is **37.3678, 39.3139, 42.8128**.

A 20% lighter version of the original color is **71.7902, 73.5095, 78.1152**, and **17.0541, 17.2135, 18.0465** is the 20% darker color. If you saturate the color by 10%, you get **33.7002, 32.3443, 32.2360**, and if you desaturate by 10%, it is **43.2615, 46.3346, 51.2458**.

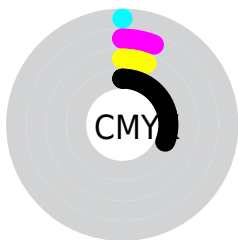
Distribution



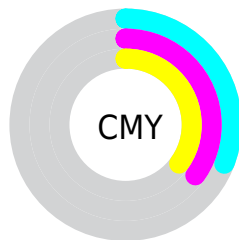
- Red (69%)
- Green (65%)
- Blue (65%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1512, 38.8570, 41.0867 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 38.1512, 38.8570, 41.0867 by changing the saturation by 10% instead.


 38.1512, 38.8570,
41.0867


 38.1512, 38.8570,
41.0867


329.5378,
341.2821, 366.3702

 26.2778, 26.6485,
28.0666


 71.6422, 73.4198,
78.0706

 17.1654, 17.3094,
18.1364


 93.9906, 96.5429,
102.8715

 10.4485, 10.4553,
10.8775


120.5613,
124.0730, 132.4364

 5.7619, 5.7019,
5.8714

151.7197,
156.3945, 167.1839

 2.7401, 2.6647,
2.6995

187.8312,
193.8917, 207.5325

 1.0179, 0.9593,
0.9432

229.2612,

 0.0000, 0.0000,

236.9492, 253.9007

0.0000

276.3749,
285.9512, 306.7071

■ 38.1512, 38.8570,
41.0867

■ 38.1512, 38.8570,
41.0867

■ 33.7002, 32.3443,
32.2360

■ 43.2615, 46.3346,
51.2458

■ 29.8785, 26.7524,
24.6381

■ 49.0531, 54.8086,
62.7609

■ 26.6589, 22.0412,
18.2372

■ 55.5507, 64.3158,
75.6800

■ 24.0105, 18.1659,
12.9725

■ 62.7770, 74.8892,
90.0482

■ 21.9002, 15.0777,
8.7773

■ 70.7538, 86.5605,
105.9087

■ 20.2909, 12.7228,
5.5786

■ 71.7147, 87.9702,
107.8079

■ 19.1413, 11.0404,
3.2940

■ 18.4034, 9.9603,
1.8277

■ 18.0131, 9.3890,
1.0524

Harmonies

Analogous

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



38.2063, 38.8570, 42.9699



38.1512, 38.8570, 41.0867



37.7673, 38.8570, 39.5748

Triad

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



38.1512, 38.8570, 41.0867



35.9650, 38.8570, 39.9795



36.7032, 38.8570, 46.0193

Complementary

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



38.1512, 38.8570, 41.0867



38.8788, 42.1840, 47.1681

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.



36.1099, 38.8570, 45.1657



38.1512, 38.8570, 41.0867



35.6872, 38.8570, 41.6543

Square

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



38.1512, 38.8570, 41.0867



36.5032, 38.8570, 38.9489



35.7399, 38.8570, 43.5546



37.3649, 38.8570, 45.8563

Rectangle

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



38.1512, 38.8570, 41.0867



37.3791, 38.8570, 38.9628



35.7399, 38.8570, 43.5546



36.4893, 38.8570, 45.8408

Sweetspot

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



38.1523, 38.8587, 41.0875



72.9524, 75.9742, 81.9893



39.1967, 39.2756, 46.5899



15.8320, 16.4971, 17.8122



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.



38.1523, 38.8587, 41.0875



68.4434, 69.3765, 73.0243



39.1652, 40.8846, 41.4252



8.6968, 8.7986, 9.2445



13.1373, 6.7732, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



38.8788, 42.1840, 47.1681



69.9364, 76.2097, 85.5192



37.8227, 40.0718, 46.8160



8.8960, 9.7104, 10.9117



17.1341, 25.0686, 34.0727



0.5392, 0.7889, 1.0721

Previews

White Background



This preview shows how the XYZ color 38.1512, 38.8570, 41.0867 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 38.1512, 38.8570, 41.0867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

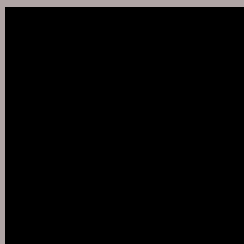
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

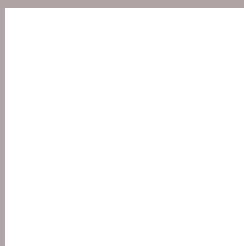
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1512, 38.8570, 41.0867

Background



This preview shows how black text looks on a background with the XYZ color 38.1512, 38.8570, 41.0867.



This preview shows how white text looks on a background with the XYZ color 38.1512, 38.8570,

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

38.1512, 38.8570, 41.0867

Protanopia

37.4962, 39.0485, 41.6372

Deuteranopia

39.5704, 38.7842, 41.4769



Tritanopia

39.2938, 38.7940, 46.4913

Trichromacy



Original Color

38.1512, 38.8570, 41.0867

Protanomaly

37.7527, 38.9098, 41.5970

Deuteranomaly

39.0362, 38.7713, 41.5026

Tritanomaly

38.8533, 38.8766, 44.4859

Monochromacy



Original Color

38.1512, 38.8570, 41.0867

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5884, 39.0854, 42.1223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1512, 38.8570, 41.0867 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(176, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 165)  
}
```

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(176, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 38.1512, 38.8570, 41.0867 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(176, 165, 165) }
```


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

```
.border{ border-color:rgb(176, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(176, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1512, 38.8570, 41.0867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 165) }
```

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

```
.background{ background-color: rgb(176,  
165, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor