

Converting Colors

XYZ(37.2418, 37.9014, 38.5723)

Have a look what the booklet for
XYZ(37.2418, 37.9014, 38.5723)
contains.

XYZ(37.3469, 37.9626, 38.6168)	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(37.3469, 37.9626,
38.6168)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A3A0
RGB	176, 163, 160
RGB Percent	69%, 64%, 63%
CMY	0.3098, 0.3608, 0.3725
CMYK	0.00, 0.07, 0.09, 0.31
HSL	11°, 9%, 66%
HSV	11°, 9%, 69%
XYZ	37.3469, 37.9626, 38.6168
YIQ	166.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

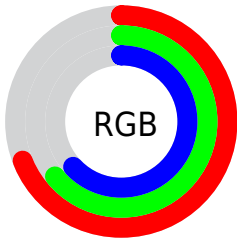
Format	Color
RYB	176, 164, 160
Decimal	11576224
CIELab	67.99, 4.18, 3.25
CIELCh	68, 5.293, 37.828
Yxy	37.9626, 0.3278, 0.3332
Android (android.graphics.Color)	4289766304 (0xFFB0A3A0)
YUV	166.5450, -3.2267, 8.2920
Hunter-Lab	61.6138, 0.3728, 5.9693

Details

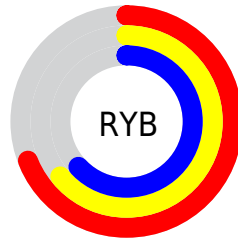
The XYZ color **37.3469, 37.9626, 38.6168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2771, 40.4946, 46.9263**, and the grayscale version is **36.5225, 38.4245, 41.8443**.

A 20% lighter version of the original color is **70.6159, 72.2049, 74.5051**, and **16.6131, 16.6840, 16.8127** is the 20% darker color. If you saturate the color by 10%, you get **33.5187, 32.5979, 30.2747**, and if you desaturate by 10%, it is **41.6823, 43.9919, 48.2043**.

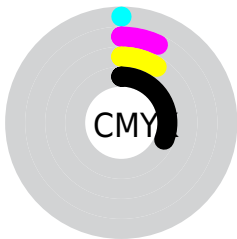
Distribution



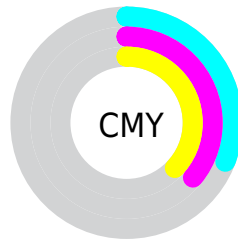
- Red (69%)
- Green (64%)
- Blue (63%)



- Red (69%)
- Yellow (64%)
- Blue (63%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (31%)





- Cyan (31%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3469, 37.9626, 38.6168 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 37.3469, 37.9626, 38.6168 by changing the saturation by 10% instead.


 37.3469, 37.9626,
38.6168


 37.3469, 37.9626,
38.6168


326.1395,
337.4595, 355.6357

 25.6511, 25.9537,
26.1562


 70.4164, 72.0508,
74.2664

 16.6941, 16.7890,
16.7137

 92.5208, 94.8989,
98.2926

 10.1106, 10.0842,
9.8708

118.8254,
122.1288, 127.0109

 5.5352, 5.4548,
5.2089

149.6956,
154.1249, 160.8401

 2.6025, 2.5165,
2.3095

185.4967,
191.2716, 200.1987

 0.9472, 0.8849,
0.7365

226.5942,

 0.0000, 0.0000,

233.9534, 245.5051

0.0000

273.3533,
282.5545, 297.1779

■ 37.3469, 37.9626,
38.6168

■ 37.3469, 37.9626,
38.6168

■ 33.5187, 32.5979,
30.2747

■ 41.6823, 43.9919,
48.2043

■ 30.1758, 27.8699,
23.1244

■ 46.5392, 50.7022,
59.0828

■ 27.2994, 23.7566,
17.1120

■ 51.9355, 58.1158,
71.2989

■ 24.8686, 20.2323,
12.1785

■ 57.8873, 66.2524,
84.8959

■ 22.8603, 17.2698,
8.2595

■ 64.4099, 75.1309,
99.9152

■ 21.2497, 14.8397,
5.2839

■ 69.7635, 84.0677,
107.1575

■ 20.0091, 12.9097,
3.1711

■ 71.7147, 87.9702,
107.8079

■ 19.1070, 11.4439,
1.8270

■ 18.4952, 10.3971,
1.0780

Harmonies

Analogous

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



37.6731, 37.9626, 40.7205



37.3469, 37.9626, 38.6168



36.6829, 37.9626, 37.2778

Triad

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



37.3469, 37.9626, 38.6168



34.6364, 37.9626, 39.6477



36.2983, 37.9626, 45.9899

Complementary

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



37.3469, 37.9626, 38.6168



37.2771, 40.4946, 46.9263

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.



35.4883, 37.9626, 45.6760



37.3469, 37.9626, 38.6168



34.5370, 37.9626, 41.9552

Square

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



37.3469, 37.9626, 38.6168



35.1203, 37.9626, 37.8570



34.8466, 37.9626, 44.1775



37.0617, 37.9626, 45.0194

Rectangle

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



37.3469, 37.9626, 38.6168



36.1423, 37.9626, 36.9688



34.8466, 37.9626, 44.1775



36.0224, 37.9626, 46.0317

Sweetspot

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



37.3480, 37.9643, 38.6176



72.3711, 75.3089, 80.2619



38.0251, 37.3920, 44.7828



15.5474, 16.1308, 17.0917



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.



37.3480, 37.9643, 38.6176



66.2015, 66.7100, 66.6744



38.8005, 40.8694, 39.1018



8.6212, 8.7549, 8.8880



13.5694, 7.6373, 0.7590



0.4653, 0.3170, 0.0367

Inverse Universe

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



37.2771, 40.4946, 46.9263



66.0453, 72.2801, 84.9658



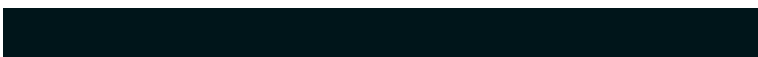
35.8014, 37.5430, 46.4344



8.6044, 9.3550, 10.8585



12.9927, 16.7858, 32.6922



0.4438, 0.5982, 1.0403

Previews

White Background



This preview shows how the XYZ color 37.3469, 37.9626, 38.6168 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 37.3469, 37.9626, 38.6168 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

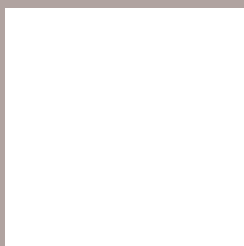
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3469, 37.9626, 38.6168

Background



This preview shows how black text looks on a background with the XYZ color 37.3469, 37.9626, 38.6168.



This preview shows how white text looks on a background with the XYZ color 37.3469, 37.9626,

38.6168.

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

37.3469, 37.9626, 38.6168

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

38.7710, 37.9052, 38.9912



Tritanopia

38.7449, 38.0107, 45.3391

Trichromacy



Original Color

37.3469, 37.9626, 38.6168

Protanomaly

36.7217, 37.8948, 39.0972

Deuteranomaly

38.2339, 37.8867, 39.0159

Tritanomaly

38.2132, 38.0523, 42.8669

Monochromacy



Original Color

37.3469, 37.9626, 38.6168

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9146, 38.4988, 40.6074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3469, 37.9626, 38.6168 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, 163, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 160)  
}
```

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, 163, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 160) }
```

Border

The CSS property to change the border of an element to XYZ 37.3469, 37.9626, 38.6168 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, 163, 160) }
```


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

```
.border{ border-color:rgb(176, 163, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3469, 37.9626, 38.6168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 160) }
```

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

```
.background{ background-color: rgb(176,  
163, 160) }
```

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