

Converting Colors

XYZ(37.5568, 41.6252, 38.6332)

Have a look what the booklet for
XYZ(37.5568, 41.6252, 38.6332)
contains.

XYZ(37.7197, 41.7694, 38.8751)	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(37.7197, 41.7694,
38.8751)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B09F
RGB	167, 176, 159
RGB Percent	65%, 69%, 62%
CMY	0.3451, 0.3098, 0.3765
CMYK	0.05, 0.00, 0.10, 0.31
HSL	92°, 10%, 66%
HSV	92°, 10%, 69%
XYZ	37.7197, 41.7694, 38.8751
YIQ	171.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

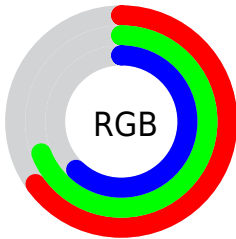
Format	Color
RYB	159, 176, 168
Decimal	10989727
CIELab	70.71, -6.32, 7.62
CIELCh	71, 9.900, 129.688
Yxy	41.7694, 0.3187, 0.3529
Android (android.graphics.Color)	4289179807 (0xFFA7B09F)
YUV	171.3710, -6.0989, -3.8334
Hunter-Lab	64.6293, -8.9229, 9.5770

Details

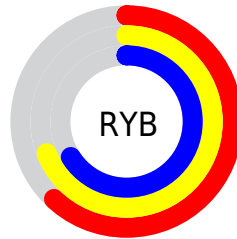
The XYZ color **37.7197, 41.7694, 38.8751** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3847, 36.2568, 46.1571**, and the grayscale version is **38.9259, 40.9531, 44.5979**.

A 20% lighter version of the original color is **71.1184, 78.0979, 74.9444**, and **16.9847, 19.1429, 16.9871** is the 20% darker color. If you saturate the color by 10%, you get **34.4017, 40.2242, 31.3068**, and if you desaturate by 10%, it is **41.3994, 43.4784, 47.5973**.

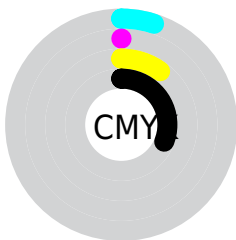
Distribution



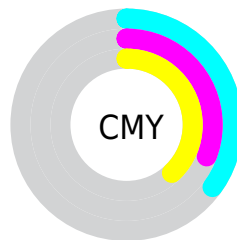
- Red (65%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7197, 41.7694, 38.8751 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 37.7197, 41.7694, 38.8751 by changing the saturation by 10% instead.

■ 37.7197, 41.7694,
38.8751

■ 37.7197, 41.7694,
38.8751

327.7177,
353.5261, 356.7693

■ 25.9414, 28.9208,
26.3555

■ 70.9850, 77.8505,
74.6657

■ 16.9123, 19.0209,
16.8616

■ 93.2027, 101.8518,
98.7738

■ 10.2669, 11.6854,
9.9750

119.6310,
130.3394, 127.5818

■ 5.6399, 6.5298,
5.2770

150.6351,
163.6977, 161.5082

■ 2.6659, 3.1698,
2.3491

186.5805,
202.3111, 200.9717

■ 0.9797, 1.2210,
0.7585

227.8325,

■ 0.0000, 0.0788,

246.5641, 246.3906

0.0000

274.7565,
296.8409, 298.1836

■ 0.0000, 0.0000,
0.0000

■ 37.7197, 41.7694,
38.8751

■ 37.7197, 41.7694,
38.8751

■ 34.4017, 40.2242,
31.3068

■ 41.3994, 43.4784,
47.5973

■ 31.4299, 38.8322,
24.8415

■ 45.4489, 45.3506,
57.5162

■ 28.7925, 37.5897,
19.4283

■ 49.8803, 47.3927,
68.6756

■ 26.4759, 36.4908,
15.0113

■ 54.7040, 49.6090,
81.1164

■ 24.4651, 35.5292,
11.5295

■ 59.9300, 52.0039,
94.8776

■ 22.7439, 34.6980,
8.9151

■ 63.9827, 53.9475,
101.6484

■ 21.2942, 33.9895,
7.0913

■ 66.9325, 55.4682,
101.7864

■ 20.0950, 33.3949,
5.9675

■ 70.0428, 57.0716,
101.9320

■ 19.1076, 32.8983,
5.3601

■ 73.3161, 58.7590,
102.0852

Harmonies

Analogous

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



39.1720, 41.7694, 37.1420



37.7197, 41.7694, 38.8751



36.8147, 41.7694, 42.4149

Triad

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



37.7197, 41.7694, 38.8751



38.6155, 41.7694, 54.4905



42.8924, 41.7694, 43.9761

Complementary

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



37.7197, 41.7694, 38.8751



36.3847, 36.2568, 46.1571

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.



42.7334, 41.7694, 48.6888



37.7197, 41.7694, 38.8751



40.2339, 41.7694, 54.9803

Square

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



37.7197, 41.7694, 38.8751



37.3219, 41.7694, 51.4973



41.7496, 41.7694, 52.7931



42.1782, 41.7694, 39.9503

Rectangle

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



37.7197, 41.7694, 38.8751



36.6285, 41.7694, 45.4307



41.7496, 41.7694, 52.7931



42.9397, 41.7694, 45.5289

Sweetspot

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



37.7208, 41.7712, 38.8760



72.7436, 77.7679, 80.7169



38.1268, 39.6602, 38.4472



15.6483, 16.7995, 17.2154



84.5950, 89.0005, 96.9216



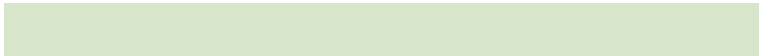
16.2198, 17.0645, 18.5832

Same Dimension

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



37.7208, 41.7712, 38.8760



66.8138, 75.0126, 66.8097



36.1073, 40.9365, 38.9290



8.7565, 9.6795, 9.0593



14.0625, 24.1596, 3.9221



0.5100, 0.7950, 0.1266

Inverse Universe

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



36.3847, 36.2568, 46.1571



63.8035, 62.5892, 83.2134



38.1127, 37.1509, 46.0918



8.4571, 8.4442, 10.6905



9.1445, 4.0499, 30.4367



0.3544, 0.1618, 0.9608

Previews

White Background



This preview shows how the XYZ color 37.7197, 41.7694, 38.8751 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 37.7197, 41.7694, 38.8751 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

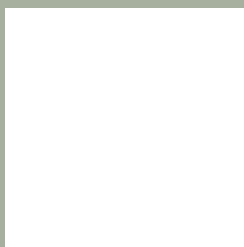
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7197, 41.7694, 38.8751

Background



This preview shows how black text looks on a background with the XYZ color 37.7197, 41.7694, 38.8751.



This preview shows how white text looks on a background with the XYZ color 37.7197, 41.7694,

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

37.7197, 41.7694, 38.8751

Protanopia

39.6607, 41.6427, 37.8458

Deuteranopia

42.4999, 41.6800, 39.5233



Tritanopia

40.4100, 41.7081, 52.3750

Trichromacy



Original Color

37.7197, 41.7694, 38.8751

Protanomaly

38.7943, 41.4697, 38.3075

Deuteranomaly

40.4871, 41.4779, 39.1298

Tritanomaly

39.3576, 41.5678, 47.0233

Monochromacy



Original Color

37.7197, 41.7694, 38.8751

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4962, 41.2232, 42.4871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7197, 41.7694, 38.8751 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(167, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 159)  
}
```

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(167, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.7197, 41.7694, 38.8751 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(167, 176, 159) }
```


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

```
.border{ border-color:rgb(167, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7197, 41.7694, 38.8751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 159) }
```

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

```
.background{ background-color: rgb(167,  
176, 159) }
```

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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