

Converting Colors

XYZ(59.7088, 48.8467, 37.4331)

Have a look what the booklet for
XYZ(59.7088, 48.8467, 37.4331)
contains.

XYZ(59.7272, 48.7682, 37.2756)	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(59.7272, 48.7682,
37.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA09B
RGB	255, 160, 155
RGB Percent	100%, 63%, 61%
CMY	0.0000, 0.3725, 0.3922
CMYK	0.00, 0.37, 0.39, 0.00
HSL	3°, 100%, 80%
HSV	3°, 39%, 100%
XYZ	59.7272, 48.7682, 37.2756
YIQ	187.8350, 58.2250, 18.5850

Conversions

Conversions Part 2

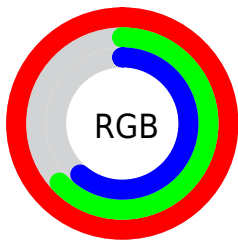
Format	Color
R _Y B	255, 160, 155
Decimal	16752795
CIE Lab	75.31, 34.70, 17.51
CIE LCh	75, 38.872, 26.780
Yxy	48.7682, 0.4097, 0.3346
Android (android.graphics.Color)	4294942875 (0xFFFFA09B)
YUV	187.8350, -16.1877, 58.9037
Hunter-Lab	69.8342, 30.4560, 17.2366

Details

The XYZ color **59.7272, 48.7682, 37.2756** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.7516, 82.5563, 107.0771**, and the grayscale version is **47.7734, 50.2613, 54.7346**.

A 20% lighter version of the original color is **77.3045, 74.9752, 70.7189**, and **30.5213, 23.2506, 15.9759** is the 20% darker color. If you saturate the color by 10%, you get **54.0095, 40.4057, 25.8965**, and if you desaturate by 10%, it is **66.7177, 58.9526, 51.3108**.

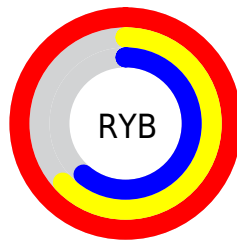
Distribution



Red (100%)

Green (63%)

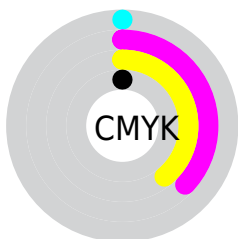
Blue (61%)



Red (100%)

Yellow (63%)

Blue (61%)

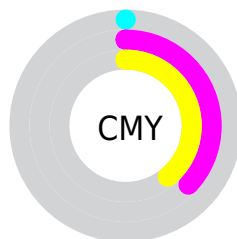


Cyan (0%)

Magenta (37%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7272, 48.7682, 37.2756 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 59.7272, 48.7682, 37.2756 by changing the saturation by 10% instead.


 59.7272, 48.7682,
37.2756


 59.7272, 48.7682,
37.2756


413.4424,
381.8291, 349.7067

 43.4474, 34.4356,
25.1235


 103.5424, 88.3471,
72.1875

 30.4324, 23.2285,
15.9492


 131.8086,
114.3622, 95.7844

 20.3167, 14.7623,
9.3343


164.8009,
145.0403, 124.0333

 12.7351, 8.6527,
4.8601

202.8847,
180.7657, 157.3527

 7.3221, 4.5154,
2.1081

246.4254,
221.9229, 196.1612

 3.7125, 1.9658,
0.6206

295.7884,

 1.5408, 0.5875,

268.8963, 240.8774

0.0000

351.3389,
322.0702, 291.9197

■ 0.3533, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7272, 48.7682,
37.2756

■ 59.7272, 48.7682,
37.2756

■ 54.0095, 40.4057,
25.8965

■ 66.7177, 58.9526,
51.3108

■ 49.4844, 33.7509,
17.0035

■ 75.0474, 71.0497,
68.1519

■ 46.0686, 28.6882,
10.4116

■ 84.7824, 85.1533,
87.9407

■ 43.6663, 25.0846,
5.9087

95.0499, 100.0000,
108.9000

■ 42.1655, 22.7852,
3.2432

■ 41.4171, 21.5966,
2.0431

■ 41.3809, 21.5418,
1.9770

Harmonies

Analogous

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



61.4625, 48.7682, 55.3402



59.7272, 48.7682, 37.2756



54.2918, 48.7682, 26.5229

Triad

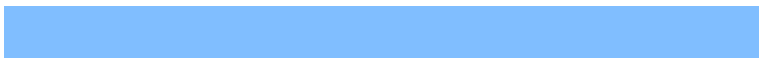
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7272, 48.7682, 37.2756



35.7858, 48.7682, 34.3343



45.5856, 48.7682, 102.8513

Complementary

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



59.7272, 48.7682, 37.2756



65.7516, 82.5563, 107.0771

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.



39.2280, 48.7682, 93.2730



59.7272, 48.7682, 37.2756



33.9475, 48.7682, 50.9216

Square

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



59.7272, 48.7682, 37.2756



40.4355, 48.7682, 25.1563



35.1406, 48.7682, 72.8687



52.8207, 48.7682, 96.5262

Rectangle

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



59.7272, 48.7682, 37.2756



49.5651, 48.7682, 23.2747



35.1406, 48.7682, 72.8687



43.2822, 48.7682, 101.3356

Sweetspot

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



59.7285, 48.7706, 37.2765



81.9267, 81.0192, 82.1260



70.2168, 51.6052, 96.7024



17.2573, 16.9382, 17.0120



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.7285, 48.7706, 37.2765



55.1707, 42.1073, 28.1968



70.2032, 69.7200, 40.7681



18.0823, 18.1328, 18.6913



21.6527, 11.3166, 1.0431



2.1328, 1.1509, 0.1097

Inverse Universe

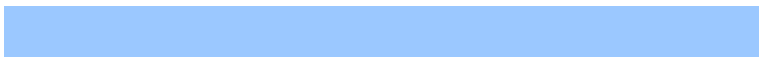
The Inverse Universe completely reimagines the original color for something new.



65.7516, 82.5563, 107.0771



61.9417, 80.1351, 106.8107



52.2222, 55.4975, 102.5673



18.4724, 20.3163, 23.1978



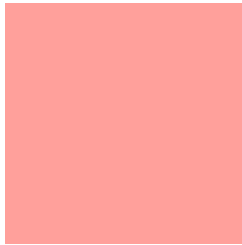
26.0933, 37.0961, 55.2196



2.5636, 3.6579, 5.3842

Previews

White Background



This preview shows how the XYZ color 59.7272, 48.7682, 37.2756 looks on a white background.

Color Contrast Check

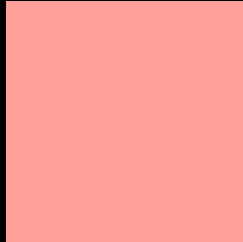
Large Text (above 18pt) WCAG AA × Fail

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 59.7272, 48.7682, 37.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

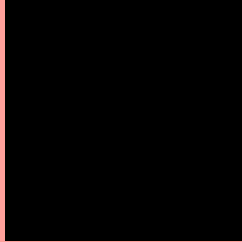
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7272, 48.7682, 37.2756

Background



This preview shows how black text looks on a background with the XYZ color 59.7272, 48.7682, 37.2756.



This preview shows how white text looks on a background with the XYZ color 59.7272, 48.7682,

37.2756.

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

59.7272, 48.7682, 37.2756

Protanopia

46.4092, 48.8625, 44.0312

Deuteranopia

50.1065, 49.1061, 36.5433



Tritanopia

60.7226, 48.6160, 44.2136

Trichromacy



Original Color

59.7272, 48.7682, 37.2756

Protanomaly

50.4551, 48.2939, 41.3127

Deuteranomaly

53.1354, 48.6279, 36.7226

Tritanomaly

60.4297, 48.7729, 41.8264

Monochromacy



Original Color

59.7272, 48.7682, 37.2756

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.9082, 48.9724, 47.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7272, 48.7682, 37.2756 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(255, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 155)  
}
```

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(255, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 155) }
```

Border

The CSS property to change the border of an element to XYZ 59.7272, 48.7682, 37.2756 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(255, 160, 155) }
```


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

```
.border{ border-color:rgb(255, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 155); box-shadow:4px 4px 4px 4px rgb(255, 160, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7272, 48.7682, 37.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 155) }
```

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

```
.background{ background-color: rgb(255,  
160, 155) }
```

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