

Converting Colors

XYZ(86.4169, 63.0643, 39.0000)

Have a look what the booklet for
XYZ(86.4169, 63.0643, 39.0000)
contains.

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Color

**XYZ(60.1611, 49.5010,
37.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA29C
RGB	255, 162, 156
RGB Percent	100%, 64%, 61%
CMY	0.0000, 0.3647, 0.3882
CMYK	0.00, 0.36, 0.39, 0.00
HSL	4°, 100%, 81%
HSV	4°, 39%, 100%
XYZ	60.1611, 49.5010, 37.8363
YIQ	189.1230, 57.3540, 17.8500

Conversions

Conversions Part 2

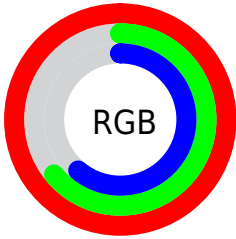
Format	Color
R _Y B	255, 162, 156
Decimal	16753308
CIE Lab	75.76, 33.78, 17.60
CIE LCh	76, 38.087, 27.525
Yxy	49.5010, 0.4079, 0.3356
Android (android.graphics.Color)	4294943388 (0xFFFFA29C)
YUV	189.1230, -16.3296, 57.7741
Hunter-Lab	70.3569, 29.5078, 17.3651

Details

The XYZ color **60.1611, 49.5010, 37.8363** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6344, 82.0359, 106.9829**, and the grayscale version is **48.5089, 51.0352, 55.5773**.

A 20% lighter version of the original color is **77.9443, 76.0560, 71.5449**, and **30.7834, 23.6930, 16.3153** is the 20% darker color. If you saturate the color by 10%, you get **54.3992, 41.0776, 26.3575**, and if you desaturate by 10%, it is **67.1825, 59.7178, 51.9720**.

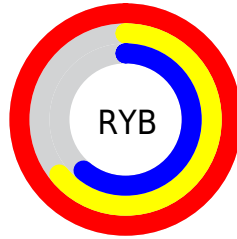
Distribution



Red (100%)

Green (64%)

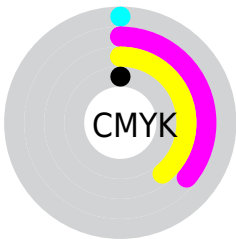
Blue (61%)



Red (100%)

Yellow (64%)

Blue (61%)

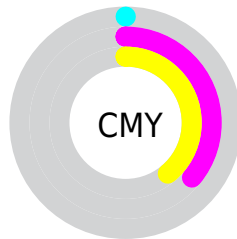


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1611, 49.5010, 37.8363 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 60.1611, 49.5010, 37.8363 by changing the saturation by 10% instead.


 60.1611, 49.5010,
37.8363


 60.1611, 49.5010,
37.8363


415.0166,
384.7113, 352.1943

 43.7985, 35.0171,
25.5548


 104.1683, 89.4351,
73.0578

 30.7093, 23.6760,
16.2681


 132.5437,
115.6540, 96.8349

 20.5283, 15.0935,
9.5577


165.6539,
146.5535, 125.2809

 12.8902, 8.8850,
5.0049

203.8644,
182.5177, 158.8145

 7.4294, 4.6663,
2.1914

247.5406,
223.9313, 197.8540

 3.7808, 2.0528,
0.6694

297.0478,

 1.5789, 0.6379,

271.1785, 242.8182

0.0000

352.7513,
324.6437, 294.1254

■ 0.3786, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1611, 49.5010,
37.8363

■ 60.1611, 49.5010,
37.8363

■ 54.3992, 41.0776,
26.3575

■ 67.1825, 59.7178,
51.9720

■ 49.8185, 34.3373,
17.3670

■ 75.5277, 71.8153,
68.9133

■ 46.3382, 29.1691,
10.6811

■ 85.2615, 85.8841,
88.8013

■ 43.8655, 25.4456,
6.0897

95.0500, 100.0000,
108.9000

■ 42.2922, 23.0194,
3.3445

■ 41.4774, 21.7086,
2.0903

■ 41.4175, 21.6150,
1.9892

Harmonies

Analogous

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



61.9766, 49.5010, 55.5967



60.1611, 49.5010, 37.8363



54.7309, 49.5010, 27.2772

Triad

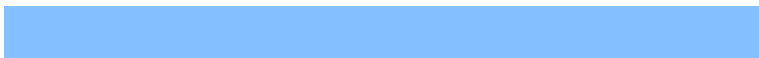
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.1611, 49.5010, 37.8363



36.4891, 49.5010, 35.5829



46.4647, 49.5010, 102.8909

Complementary

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



60.1611, 49.5010, 37.8363



65.6344, 82.0359, 106.9829

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.



40.1222, 49.5010, 93.8577



60.1611, 49.5010, 37.8363



34.7346, 49.5010, 52.2346

Square

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



60.1611, 49.5010, 37.8363



41.0434, 49.5010, 26.2235



35.9959, 49.5010, 73.9627



53.6141, 49.5010, 96.3119

Rectangle

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



60.1611, 49.5010, 37.8363



50.0467, 49.5010, 24.1251



35.9959, 49.5010, 73.9627



44.1739, 49.5010, 101.5385

Sweetspot

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



60.1624, 49.5034, 37.8373



82.0150, 81.1958, 82.1555



70.3918, 51.9426, 96.7995



17.2778, 16.9794, 17.0188



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.



60.1624, 49.5034, 37.8373



55.3594, 42.4849, 28.2597



70.3988, 69.9763, 41.2494



18.0978, 18.1638, 18.6964



21.6755, 11.3622, 1.0507



2.1401, 1.1656, 0.1122

Inverse Universe

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



65.6344, 82.0359, 106.9829



61.5501, 79.3519, 106.6802



52.5426, 55.8521, 102.6189



18.4549, 20.2815, 23.1920



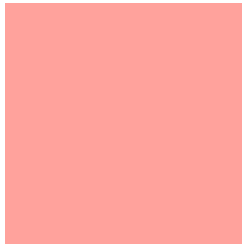
25.6818, 36.2732, 55.0824



2.5280, 3.5868, 5.3723

Previews

White Background



This preview shows how the XYZ color 60.1611, 49.5010, 37.8363 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 60.1611, 49.5010, 37.8363 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 60.1611, 49.5010, 37.8363

Background



This preview shows how black text looks on a background with the XYZ color 60.1611, 49.5010, 37.8363.



This preview shows how white text looks on a background with the XYZ color 60.1611, 49.5010,

37.8363.

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

60.1611, 49.5010, 37.8363

Protanopia

47.3439, 49.9699, 44.1957

Deuteranopia

50.6863, 49.6941, 37.0575



Tritanopia

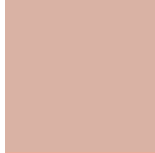
61.2572, 49.3802, 45.3324

Trichromacy



Original Color

60.1611, 49.5010, 37.8363



Protanomaly

51.2365, 49.2728, 41.9321



Deuteranomaly

53.7313, 49.2092, 37.2382



Tritanomaly

60.8678, 49.5029, 42.4233

Monochromacy



Original Color

60.1611, 49.5010, 37.8363



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.4965, 49.5607, 48.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1611, 49.5010, 37.8363 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, 162, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 156)  
}
```

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, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 156) }
```

Border

The CSS property to change the border of an element to XYZ 60.1611, 49.5010, 37.8363 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, 162, 156) }
```


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

```
.border{ border-color:rgb(255, 162, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1611, 49.5010, 37.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 156) }
```

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

```
.background{ background-color: rgb(255,  
162, 156) }
```

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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