

Converting Colors

XYZ(58.9069, 48.0792, 37.6280)

Have a look what the booklet for
XYZ(58.9069, 48.0792, 37.6280)
contains.

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Color

**XYZ(58.9069, 48.0792,
37.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9F9C
RGB	253, 159, 156
RGB Percent	99%, 62%, 61%
CMY	0.0078, 0.3764, 0.3882
CMYK	0.00, 0.37, 0.38, 0.01
HSL	2°, 96%, 80%
HSV	2°, 38%, 99%
XYZ	58.9069, 48.0792, 37.6280
YIQ	186.7640, 56.9870, 18.9950

Conversions

Conversions Part 2

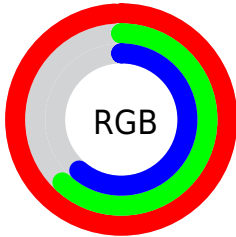
Format	Color
R _Y B	253, 159, 156
Decimal	16621468
CIE Lab	74.87, 34.60, 16.33
CIE LCh	75, 38.256, 25.269
Yxy	48.0792, 0.4073, 0.3325
Android (android.graphics.Color)	4294811548 (0xFFFD9F9C)
YUV	186.7640, -15.1667, 58.0890
Hunter-Lab	69.3392, 30.3006, 16.3628

Details

The XYZ color **58.9069, 48.0792, 37.6280** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6241, 82.5277, 105.3992**, and the grayscale version is **47.1625, 49.6186, 54.0347**.

A 20% lighter version of the original color is **77.1733, 74.5140, 71.2879**, and **29.9520, 22.7973, 16.1863** is the 20% darker color. If you saturate the color by 10%, you get **53.1776, 39.6994, 26.2267**, and if you desaturate by 10%, it is **65.9210, 58.3143, 51.6597**.

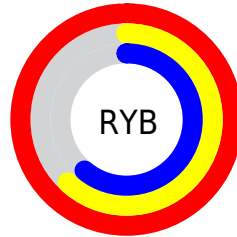
Distribution



Red (99%)

Green (62%)

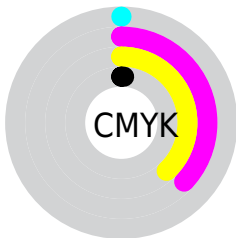
Blue (61%)



Red (99%)

Yellow (62%)

Blue (61%)

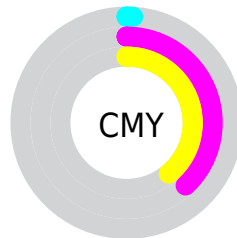


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9069, 48.0792, 37.6280 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 58.9069, 48.0792, 37.6280 by changing the saturation by 10% instead.

 58.9069, 48.0792,
37.6280

 58.9069, 48.0792,
37.6280


410.4564,
379.1060, 351.2717

 42.7843, 33.8896,
25.3945


 102.3577, 87.3223,
72.7347

 29.9097, 22.8088,
16.1495


 130.4167,
113.1446, 96.4450

 19.9178, 14.4524,
9.4745


163.1850,
143.6133, 124.8179

 12.4432, 8.4360,
4.9510

201.0282,
179.1127, 158.2721

 7.1206, 4.3752,
2.1603

244.3116,
220.0273, 197.2260

 3.5846, 1.8856,
0.6513

293.4005,

 1.4699, 0.5397,

266.7415, 242.0982

0.0000

348.6604,
319.6396, 293.3073

■ 0.3052, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9069, 48.0792,
37.6280

■ 58.9069, 48.0792,
37.6280

■ 53.1776, 39.6994,
26.2267

■ 65.9210, 58.3143,
51.6597

■ 48.6517, 33.0572,
17.2894

■ 74.2871, 70.4989,
68.4685

■ 45.2444, 28.0327,
10.6353

■ 84.0726, 84.7294,
88.1937

■ 42.8585, 24.4879,
6.0573

94.3180, 99.6226,
108.8657

■ 41.3799, 22.2616,
3.3111

■ 40.6614, 21.1526,
2.0604

■ 40.5931, 21.0528,
1.9241

Harmonies

Analogous

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



60.3825, 48.0792, 55.5768



58.9069, 48.0792, 37.6280



53.7584, 48.0792, 26.7366

Triad

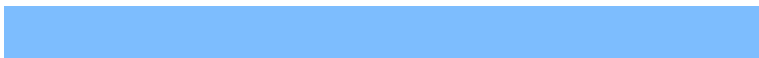
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.9069, 48.0792, 37.6280



35.5535, 48.0792, 33.4015



44.6024, 48.0792, 100.6190

Complementary

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



58.9069, 48.0792, 37.6280



65.6241, 82.5277, 105.3992

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.



38.4862, 48.0792, 90.6112



58.9069, 48.0792, 37.6280



33.6107, 48.0792, 49.2507

Square

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



58.9069, 48.0792, 37.6280



40.2173, 48.0792, 24.7663



34.6276, 48.0792, 70.4843



51.6550, 48.0792, 95.2472

Rectangle

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



58.9069, 48.0792, 37.6280



49.1877, 48.0792, 23.3324



34.6276, 48.0792, 70.4843



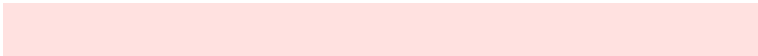
42.3771, 48.0792, 98.8826

Sweetspot

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



58.9082, 48.0816, 37.6289



81.7683, 80.7024, 82.0732



69.8698, 51.6492, 97.8707



17.2204, 16.8644, 16.9997



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.



58.9082, 48.0816, 37.6289



55.3800, 42.2348, 29.1643



68.6084, 67.4821, 40.8623



18.0545, 18.0771, 18.6820



21.6131, 11.2374, 1.0299



2.1196, 1.1245, 0.1053

Inverse Universe

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



65.6241, 82.5277, 105.3992



63.0932, 81.8207, 107.0754



52.7687, 56.8170, 101.1141



18.5038, 20.3792, 23.2083



26.8484, 38.6064, 55.4713



2.6287, 3.7881, 5.4059

Previews

White Background



This preview shows how the XYZ color 58.9069, 48.0792, 37.6280 looks on a white background.

Color Contrast Check

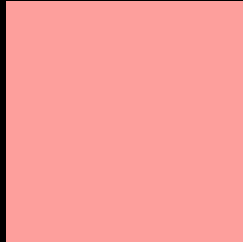
Large Text (above 18pt) WCAG AA × Fail

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 58.9069, 48.0792, 37.6280 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 58.9069, 48.0792, 37.6280

Background



This preview shows how black text looks on a background with the XYZ color 58.9069, 48.0792, 37.6280.



This preview shows how white text looks on a background with the XYZ color 58.9069, 48.0792,

37.6280.

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

58.9069, 48.0792, 37.6280

Protanopia

46.0401, 48.3520, 44.4424

Deuteranopia

49.4017, 48.4368, 36.8825



Tritanopia

60.0915, 48.0493, 43.6434

Trichromacy



Original Color

58.9069, 48.0792, 37.6280

Protanomaly

49.7624, 47.6364, 41.6939

Deuteranomaly

52.3906, 47.9529, 37.0664

Tritanomaly

59.8008, 48.2049, 41.2746

Monochromacy



Original Color

58.9069, 48.0792, 37.6280

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.4226, 48.4278, 47.7642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9069, 48.0792, 37.6280 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(253, 159, 156)` looks like.

```
.text, #text, p{  
    color:rgb(253, 159, 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(253, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 159, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.9069, 48.0792, 37.6280 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(253, 159, 156) }
```


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

```
.border{ border-color:rgb(253, 159, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(253, 159,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9069, 48.0792, 37.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 159, 156) }
```

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

```
.background{ background-color: rgb(253,  
159, 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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