

# Converting Colors

XYZ(57.6539, 46.6712, 35.5903)

Have a look what the booklet for  
XYZ(57.6539, 46.6712, 35.5903)  
contains.

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# Color

**XYZ(57.7008, 46.7394,  
35.6862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC9C98
RGB	252, 156, 152
RGB Percent	99%, 61%, 60%
CMY	0.0118, 0.3882, 0.4039
CMYK	0.00, 0.38, 0.40, 0.01
HSL	2°, 94%, 79%
HSV	2°, 40%, 99%
XYZ	57.7008, 46.7394, 35.6862
YIQ	184.2480, 58.5000, 19.1080

# Conversions

## Conversions Part 2

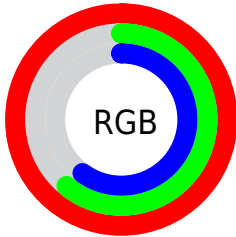
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 156, 152
Decimal	16555160
CIE Lab	74.02, 35.34, 17.32
CIE LCh	74, 39.354, 26.108
Yxy	46.7394, 0.4118, 0.3336
Android (android.graphics.Color)	4294745240 (0xFFFC9C98)
YUV	184.2480, -15.8983, 59.4185
Hunter-Lab	68.3662, 31.0124, 16.9078

# Details

The XYZ color **57.7008, 46.7394, 35.6862** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.0853, 80.8348, 104.3202**, and the grayscale version is **45.7607, 48.1438, 52.4286**.

A 20% lighter version of the original color is **75.6748, 72.3048, 68.3602**, and **29.1915, 21.9775, 15.0154** is the 20% darker color. If you saturate the color by 10%, you get **52.1890, 38.6753, 24.7252**, and if you desaturate by 10%, it is **64.4618, 56.6001, 49.2276**.

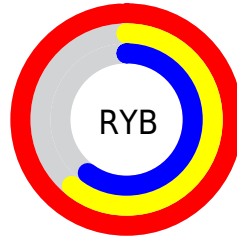
# Distribution



Red (99%)

Green (61%)

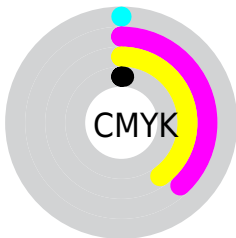
Blue (60%)



Red (99%)

Yellow (61%)

Blue (60%)

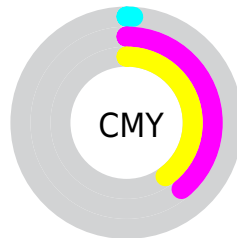


Cyan (0%)

Magenta (38%)

Yellow (40%)

Black (1%)



Cyan (1%)

Magenta (39%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7008, 46.7394, 35.6862 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 57.7008, 46.7394, 35.6862 by changing the saturation by 10% instead.





 57.7008, 46.7394,  
35.6862

 57.7008, 46.7394,  
35.6862


406.0420,  
373.7734, 342.5827

 41.8105, 32.8297,  
23.9042

 100.6125, 85.3245,  
69.7110

 29.1434, 21.9960,  
15.0510


 128.3646,  
110.7687, 92.7909

 19.3341, 13.8540,  
8.7082

160.8013,  
140.8265, 120.4738

 12.0174, 8.0192,  
4.4571

198.2880,  
175.8823, 153.1783

 6.8278, 4.1072,  
1.8793

241.1901,  
216.3204, 191.3229

 3.4000, 1.7337,  
0.4795

289.8729,

 1.3687, 0.4453,

262.5254, 235.3261

0.0000

344.7017,  
314.8816, 285.6066

■ 0.2337, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.7008, 46.7394,  
35.6862

■ 57.7008, 46.7394,  
35.6862

■ 52.1890, 38.6753,  
24.7252

■ 64.4618, 56.6001,  
49.2276

■ 47.8465, 32.2932,  
16.1784

■ 72.5382, 68.3491,  
65.4960

■ 44.5900, 27.4762,  
9.8641

■ 81.9959, 82.0803,  
84.6302

■ 42.3234, 24.0894,  
5.5743

■ 92.8951, 97.8793,  
106.7589

■ 40.9339, 21.9753,  
3.0616

93.9548, 99.4354,  
108.8487

■ 40.2673, 20.9334,  
1.9412

■ 40.2543, 20.9145,  
1.9153

# Harmonies

## Analogous

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



59.3204, 46.7394, 53.5643



57.7008, 46.7394, 35.6862



52.3960, 46.7394, 25.0466

# Triad

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



57.7008, 46.7394, 35.6862



34.1225, 46.7394, 32.2133



43.5132, 46.7394, 100.1062

# Complementary

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



57.7008, 46.7394, 35.6862



64.0853, 80.8348, 104.3202

# 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.



37.3054, 46.7394, 90.2621



57.7008, 46.7394, 35.6862



32.2575, 46.7394, 48.3087

# Square

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



57.7008, 46.7394, 35.6862



38.7378, 46.7394, 23.4442



33.3588, 46.7394, 69.8978



50.6420, 46.7394, 94.1670



# Rectangle

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



57.7008, 46.7394, 35.6862



47.7493, 46.7394, 21.8034



33.3588, 46.7394, 69.8978



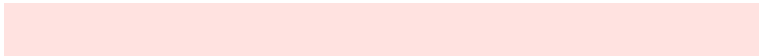
41.2575, 46.7394, 98.4777

# Sweetspot

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



57.7020, 46.7417, 35.6871



81.8436, 80.8530, 82.0983



68.4201, 49.9710, 95.3892



17.2379, 16.8995, 17.0055



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.



57.7020, 46.7417, 35.6871



54.4634, 40.9771, 27.0845



67.7236, 66.7849, 39.0276



17.3004, 17.3366, 17.8969



20.9940, 10.9446, 1.0060



1.9634, 1.0517, 0.0995



# Inverse Universe

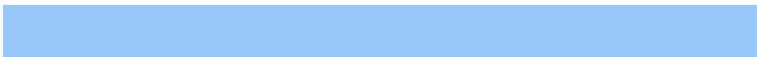
The Inverse Universe completely reimagines the original color for something new.



64.0853, 80.8348, 104.3202



61.8755, 80.6054, 106.9050



50.8667, 54.3976, 99.9140



17.7027, 19.4823, 22.2127



25.7053, 36.7662, 53.7153



2.3988, 3.4412, 4.9810



# Previews

## White Background



This preview shows how the XYZ color 57.7008, 46.7394, 35.6862 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 57.7008, 46.7394, 35.6862 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 57.7008, 46.7394, 35.6862**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.7008, 46.7394, 35.6862.



This preview shows how white text looks on a background with the XYZ color 57.7008, 46.7394,

35.6862.

# 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

57.7008, 46.7394, 35.6862

### Protanopia

44.7547, 47.1197, 42.3335

### Deuteranopia

47.9062, 46.8269, 34.9473



## Tritanopia

58.8551, 46.7105, 41.5113

# Trichromacy



## Original Color

57.7008, 46.7394, 35.6862



## Protanomaly

48.7293, 46.5713, 39.6786



## Deuteranomaly

51.1862, 46.5382, 35.1391



## Tritanomaly

58.5745, 46.8634, 39.2160

# Monochromacy



## Original Color

57.7008, 46.7394, 35.6862



## Achromatopsia

45.5594, 47.9320, 52.1980



## Achromatomaly

48.8769, 46.8060, 45.4881

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.7008, 46.7394, 35.6862 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(252, 156, 152)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 152)  
}
```

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(252, 156, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 152) }
```

## Border

The CSS property to change the border of an element to XYZ 57.7008, 46.7394, 35.6862 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(252, 156, 152) }
```



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

```
.border{ border-color:rgb(252, 156, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 152);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
152) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.7008, 46.7394, 35.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 152) }
```

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

```
.background{ background-color: rgb(252,  
156, 152) }
```

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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