

Converting Colors

XYZ(58.3062, 47.4157, 37.5343)

Have a look what the booklet for
XYZ(58.3062, 47.4157, 37.5343)
contains.

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Color

**XYZ(58.3725, 47.5495,
37.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9E9C
RGB	252, 158, 156
RGB Percent	99%, 62%, 61%
CMY	0.0118, 0.3804, 0.3882
CMYK	0.00, 0.37, 0.38, 0.01
HSL	1°, 94%, 80%
HSV	1°, 38%, 99%
XYZ	58.3725, 47.5495, 37.5539
YIQ	185.8780, 56.6660, 19.3060

Conversions

Conversions Part 2

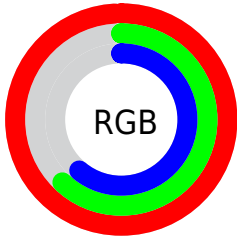
Format	Color
RYB	252, 158, 156
Decimal	16555676
CIELab	74.54, 34.75, 15.85
CIELCh	75, 38.188, 24.514
Yxy	47.5495, 0.4068, 0.3314
Android (android.graphics.Color)	4294745756 (0xFFFC9E9C)
YUV	185.8780, -14.7299, 57.9890
Hunter-Lab	68.9561, 30.4299, 15.9796

Details

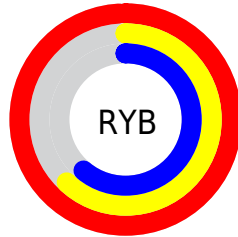
The XYZ color **58.3725, 47.5495, 37.5539** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.4650, 82.4640, 104.5622**, and the grayscale version is **46.6627, 49.0928, 53.4620**.

A 20% lighter version of the original color is **76.9194, 74.0063, 71.2033**, and **29.5937, 22.4605, 16.1402** is the 20% darker color. If you saturate the color by 10%, you get **52.6614, 39.1952, 26.1920**, and if you desaturate by 10%, it is **65.3736, 57.7752, 51.5305**.

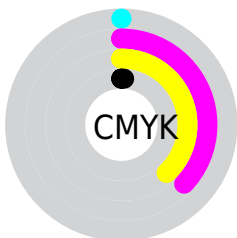
Distribution



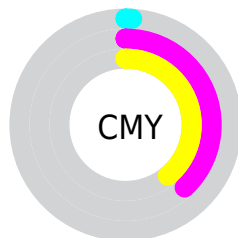
- Red (99%)
- Green (62%)
- Blue (61%)



- 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 58.3725, 47.5495, 37.5539 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 58.3725, 47.5495, 37.5539 by changing the saturation by 10% instead.

 58.3725, 47.5495,
37.5539


 58.3725, 47.5495,
37.5539


408.5040,
377.0037, 350.9431

 42.3526, 33.4703,
25.3375

 101.5850, 86.5333,
72.6197

 29.5698, 22.4869,
16.1074


 129.5082,
112.2066, 96.3062

 19.6587, 14.2151,
9.4450

162.1300,
142.5134, 124.6531

 12.2540, 8.2704,
4.9318

199.8157,
177.8381, 158.0789

 6.9904, 4.2685,
2.1493

242.9306,
218.5651, 197.0023

 3.5024, 1.8249,
0.6449

291.8400,

 1.4246, 0.5026,

265.0788, 241.8418

0.0000

346.9094,
317.7635, 293.0159

■ 0.2737, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3725, 47.5495,
37.5539

■ 58.3725, 47.5495,
37.5539

■ 52.6614, 39.1952,
26.1920

■ 65.3736, 57.7752,
51.5305

■ 48.1581, 32.5926,
17.2800

■ 73.7329, 69.9685,
68.2675

■ 44.7770, 27.6191,
10.6384

■ 83.5181, 84.2276,
87.9029

■ 42.4194, 24.1334,
6.0622

■ 93.9549, 99.4354,
108.8487

■ 40.9697, 21.9701,
3.3097

■ 40.2793, 20.9223,
2.0533

■ 40.2020, 20.8097,
1.8978

Harmonies

Analogous

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



59.7292, 47.5495, 55.4915



58.3725, 47.5495, 37.5539



53.3419, 47.5495, 26.5879

Triad

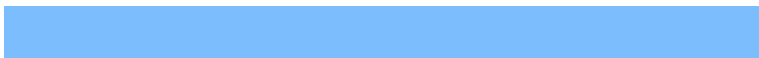
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3725, 47.5495, 37.5539



35.2292, 47.5495, 32.7002



43.9378, 47.5495, 99.5542

Complementary

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



58.3725, 47.5495, 37.5539



65.4650, 82.4640, 104.5622

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.



37.9218, 47.5495, 89.2848



58.3725, 47.5495, 37.5539



33.2324, 47.5495, 48.2251

Square

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



58.3725, 47.5495, 37.5539



39.9100, 47.5495, 24.3257



34.1658, 47.5495, 69.1933



50.9258, 47.5495, 94.6112

Rectangle

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



58.3725, 47.5495, 37.5539



48.8301, 47.5495, 23.1102



34.1658, 47.5495, 69.1933



41.7437, 47.5495, 97.7018

Sweetspot

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



58.3737, 47.5518, 37.5548



82.7142, 82.0352, 84.1117



69.3516, 51.4000, 97.0376



17.4063, 17.1247, 17.4053



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.



58.3737, 47.5518, 37.5548



55.2059, 41.8865, 29.1063



68.1210, 67.0463, 40.8039



17.2737, 17.2832, 17.8880



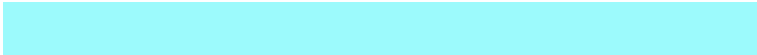
20.9547, 10.8661, 0.9929



1.9507, 1.0262, 0.0953

Inverse Universe

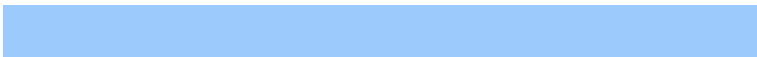
The Inverse Universe completely reimagines the original color for something new.



65.4650, 82.4640, 104.5622



63.4648, 82.5640, 107.1992



52.4959, 56.5256, 100.2391



17.7329, 19.5427, 22.2228



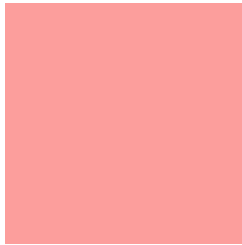
26.4511, 38.2577, 53.9639



2.4594, 3.5626, 5.0012

Previews

White Background



This preview shows how the XYZ color 58.3725, 47.5495, 37.5539 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 58.3725, 47.5495, 37.5539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

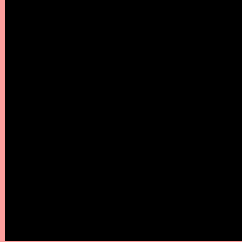
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3725, 47.5495, 37.5539

Background



This preview shows how black text looks on a background with the XYZ color 58.3725, 47.5495, 37.5539.



This preview shows how white text looks on a background with the XYZ color 58.3725, 47.5495,

37.5539.

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

58.3725, 47.5495, 37.5539

Protanopia

45.5808, 47.8079, 44.3616

Deuteranopia

48.6233, 47.7412, 36.7892



Tritanopia

59.4644, 47.4867, 43.0775

Trichromacy



Original Color

58.3725, 47.5495, 37.5539



Protanomaly

49.2775, 47.0986, 41.6157



Deuteranomaly

51.8860, 47.4134, 36.9889



Tritanomaly

59.2658, 47.6769, 41.2009

Monochromacy



Original Color

58.3725, 47.5495, 37.5539



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.8415, 47.8475, 47.1660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3725, 47.5495, 37.5539 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, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 158, 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(252, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 158, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.3725, 47.5495, 37.5539 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, 158, 156) }
```


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

```
.border{ border-color:rgb(252, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 158,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3725, 47.5495, 37.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 158, 156) }
```

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

```
.background{ background-color: rgb(252,  
158, 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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