

Converting Colors

XYZ(57.4704, 48.8513, 41.5417)

Have a look what the booklet for
XYZ(57.4704, 48.8513, 41.5417)
contains.

XYZ(57.4642, 48.8237, 41.5172)	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(57.4642, 48.8237,
41.5172)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A5A4
RGB	244, 165, 164
RGB Percent	96%, 65%, 64%
CMY	0.0431, 0.3529, 0.3569
CMYK	0.00, 0.32, 0.33, 0.04
HSL	1°, 78%, 80%
HSV	1°, 33%, 96%
XYZ	57.4642, 48.8237, 41.5172
YIQ	188.5070, 47.4050, 16.4370

Conversions

Conversions Part 2

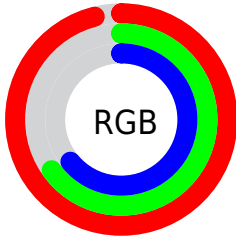
Format	Color
RYB	244, 165, 164
Decimal	16033188
CIELab	75.34, 29.07, 12.46
CIELCh	75, 31.631, 23.193
Yxy	48.8237, 0.3888, 0.3303
Android (android.graphics.Color)	4294223268 (0xFFFF4A5A4)
YUV	188.5070, -12.0820, 48.6674
Hunter-Lab	69.8740, 24.5186, 13.6833

Details

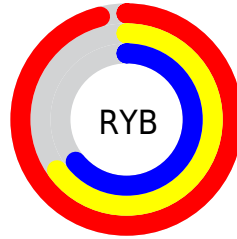
The XYZ color **57.4642, 48.8237, 41.5172** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6884, 78.5225, 97.3877**, and the grayscale version is **48.1373, 50.6442, 55.1515**.

A 20% lighter version of the original color is **79.8826, 78.0874, 77.8799**, and **28.9685, 23.1973, 18.2800** is the 20% darker color. If you saturate the color by 10%, you get **51.5246, 40.1389, 29.6890**, and if you desaturate by 10%, it is **64.6478, 59.3194, 55.8466**.

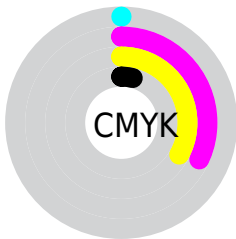
Distribution



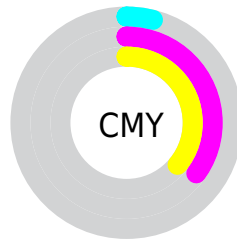
- Red (96%)
- Green (65%)
- Blue (64%)



- Red (96%)
- Yellow (65%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4642, 48.8237, 41.5172 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 57.4642, 48.8237, 41.5172 by changing the saturation by 10% instead.


 57.4642, 48.8237,
41.5172


 57.4642, 48.8237,
41.5172


405.1726,
382.0479, 368.2181

 41.6196, 34.4796,
28.4007

 100.2697, 88.4296,
78.7306

 28.9934, 23.2623,
18.3863


 127.9613,
114.4601, 103.6645

 19.2201, 14.7873,
11.0554


160.3326,
145.1550, 133.3747

 11.9344, 8.6703,
5.9894

197.7490,
180.8986, 168.2797

 6.7709, 4.5267,
2.7700

240.5758,
222.0753, 208.7980

 3.3643, 1.9724,
0.9784

289.1785,

 1.3492, 0.5913,

269.0695, 255.3481

0.0000

343.9223,
322.2655, 308.3486

■ 0.2196, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4642, 48.8237,
41.5172

■ 57.4642, 48.8237,
41.5172

■ 51.5246, 40.1389,
29.6890

■ 64.6478, 59.3194,
55.8466

■ 46.7546, 33.1561,
20.2160

■ 73.1362, 71.7129,
72.8059

■ 43.0784, 27.7657,
12.9415

■ 82.9910, 86.0939,
92.5187

■ 40.4091, 23.8424,
7.6887

■ 91.1183, 97.9731,
108.7160

■ 38.6471, 21.2421,
4.2538

■ 37.6723, 19.7917,
2.3899

■ 37.3415, 19.2997,
1.7571

Harmonies

Analogous

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



58.4208, 48.8237, 57.0486



57.4642, 48.8237, 41.5172



53.4342, 48.8237, 31.4172

Triad

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



57.4642, 48.8237, 41.5172



38.0141, 48.8237, 36.1861



45.0923, 48.8237, 91.7321

Complementary

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



57.4642, 48.8237, 41.5172



63.6884, 78.5225, 97.3877

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.



40.0218, 48.8237, 83.1528



57.4642, 48.8237, 41.5172



36.1620, 48.8237, 49.4536

Square

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



57.4642, 48.8237, 41.5172



42.1385, 48.8237, 28.8185



36.8652, 48.8237, 66.7999



50.9511, 48.8237, 88.3746

Rectangle

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



57.4642, 48.8237, 41.5172



49.7153, 48.8237, 28.0148



36.8652, 48.8237, 66.7999



43.2459, 48.8237, 90.0982

Sweetspot

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



57.4655, 48.8260, 41.5182



83.6996, 83.4388, 86.1892



66.9131, 52.3162, 92.1594



17.6004, 17.3999, 17.8186



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.



57.4655, 48.8260, 41.5182



59.2258, 47.6912, 37.3369



65.6023, 65.0996, 44.2304



16.5158, 16.5158, 17.1150



20.3115, 10.5087, 0.9578



1.7910, 0.9351, 0.0861

Inverse Universe

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



63.6884, 78.5225, 97.3877



67.0361, 84.9685, 107.4751



53.2323, 57.6104, 93.9023



16.9778, 18.7200, 21.2611



25.9802, 37.7542, 52.4560



2.2890, 3.3295, 4.6123

Previews

White Background



This preview shows how the XYZ color 57.4642, 48.8237, 41.5172 looks on a white background.

Color Contrast Check

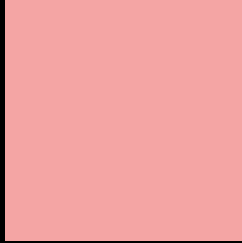
Large Text (above 18pt) WCAG AA × Fail

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 57.4642, 48.8237, 41.5172 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 57.4642, 48.8237, 41.5172

Background



This preview shows how black text looks on a background with the XYZ color 57.4642, 48.8237, 41.5172.



This preview shows how white text looks on a background with the XYZ color 57.4642, 48.8237,

41.5172.

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

57.4642, 48.8237, 41.5172

Protanopia

46.8251, 48.9995, 47.5474

Deuteranopia

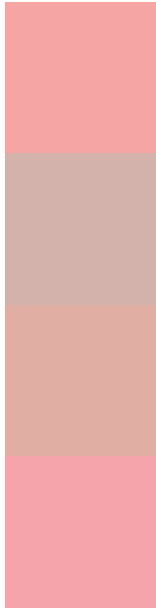
49.9937, 48.9595, 40.5334



Tritanopia

58.5899, 48.7415, 47.3943

Trichromacy



Original Color

57.4642, 48.8237, 41.5172

Protanomaly

50.1350, 48.6299, 45.2722

Deuteranomaly

52.3981, 48.7280, 40.8262

Tritanomaly

58.3780, 48.9420, 45.3996

Monochromacy



Original Color

57.4642, 48.8237, 41.5172

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.8540, 49.4931, 50.0528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4642, 48.8237, 41.5172 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(244, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 165, 164)  
}
```

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(244, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 57.4642, 48.8237, 41.5172 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(244, 165, 164) }
```


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

```
.border{ border-color:rgb(244, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4642, 48.8237, 41.5172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 165, 164) }
```

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

```
.background{ background-color: rgb(244,  
165, 164) }
```

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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