

Converting Colors

XYZ(57.4144, 48.1242, 40.6295)

Have a look what the booklet for
XYZ(57.4144, 48.1242, 40.6295)
contains.

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Color

**XYZ(57.4480, 48.0421,
40.4276)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6A2A2 |
| RGB | 246, 162, 162 |
| RGB Percent | 96%, 64%, 64% |
| CMY | 0.0353, 0.3647, 0.3647 |
| CMYK | 0.00, 0.34, 0.34, 0.04 |
| HSL | 0°, 82%, 80% |
| HSV | 0°, 34%, 96% |
| XYZ | 57.4480, 48.0421, 40.4276 |
| YIQ | 187.1160, 50.0640, 17.8080 |

Conversions

Conversions Part 2

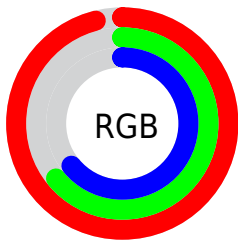
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 246, 162, 162 |
| Decimal | 16163490 |
| CIE Lab | 74.85, 31.15, 12.89 |
| CIE LCh | 75, 33.710, 22.485 |
| Yxy | 48.0421, 0.3937, 0.3292 |
| Android (android.graphics.Color) | 4294353570 (0xFFF6A2A2) |
| YUV | 187.1160, -12.3822, 51.6413 |
| Hunter-Lab | 69.3124, 26.6489, 13.9368 |

Details

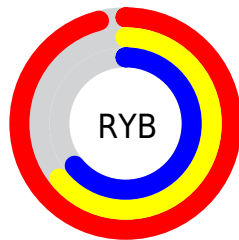
The XYZ color **57.4480, 48.0421, 40.4276** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4894, 80.2440, 99.2787**, and the grayscale version is **47.3485, 49.8144, 54.2478**.

A 20% lighter version of the original color is **78.8358, 76.4126, 76.2396**, and **29.0221, 22.7544, 17.6143** is the 20% darker color. If you saturate the color by 10%, you get **51.5541, 39.4180, 28.7093**, and if you desaturate by 10%, it is **64.6197, 58.5369, 54.6831**.

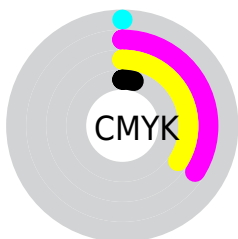
Distribution



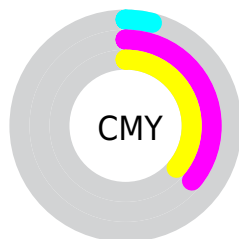
- Red (96%)
- Green (64%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (34%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4480, 48.0421, 40.4276 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 57.4480, 48.0421, 40.4276 by changing the saturation by 10% instead.


 57.4480, 48.0421,
40.4276


 57.4480, 48.0421,
40.4276


405.1130,
378.9590, 363.5281

 41.6066, 33.8602,
27.5558

 100.2462, 87.2671,
77.0584

 28.9831, 22.7862,
17.7549


 127.9336,
113.0790, 101.6545

 19.2123, 14.4358,
10.6066


160.3005,
143.5364, 130.9957

 11.9287, 8.4244,
5.6921

197.7121,
179.0236, 165.5006

 6.7670, 4.3677,
2.5930

240.5338,
219.9251, 205.5878

 3.3618, 1.8813,
0.8889

289.1309,

 1.3479, 0.5371,

266.6252, 251.6757

0.0000

343.8689,
319.5084, 304.1830

■ 0.2186, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4480, 48.0421,
40.4276

■ 57.4480, 48.0421,
40.4276

■ 51.5541, 39.4180,
28.7093

■ 64.6197, 58.5369,
54.6831

■ 46.8595, 32.5484,
19.3768

■ 73.1341, 70.9958,
71.6093

■ 43.2830, 27.3149,
12.2673

■ 83.0560, 85.5143,
91.3340

■ 40.7318, 23.5817,
7.1961

■ 91.8162, 98.3329,
108.7487

■ 39.0983, 21.1913,
3.9492

■ 38.2508, 19.9511,
2.2648

■ 38.0063, 19.5932,
1.7787

Harmonies

Analogous

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



58.3797, 48.0421, 56.8520



57.4480, 48.0421, 40.4276



53.2267, 48.0421, 29.8343

Triad

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



57.4480, 48.0421, 40.4276



36.9331, 48.0421, 34.3211



44.1376, 48.0421, 93.4435

Complementary

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



57.4480, 48.0421, 40.4276



64.4894, 80.2440, 99.2787

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.



38.8513, 48.0421, 83.9305



57.4480, 48.0421, 40.4276



34.9410, 48.0421, 48.0160

Square

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



57.4480, 48.0421, 40.4276



41.2995, 48.0421, 26.8986



35.6104, 48.0421, 66.3178



50.3226, 48.0421, 90.1307

Rectangle

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



57.4480, 48.0421, 40.4276



49.3042, 48.0421, 26.2608



35.6104, 48.0421, 66.3178



42.2048, 48.0421, 91.5780

Sweetspot

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



57.4493, 48.0444, 40.4285



83.6111, 83.2617, 86.1596



67.5613, 52.0878, 93.6821



17.5792, 17.3576, 17.8115



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.



57.4493, 48.0444, 40.4285



57.7606, 45.4352, 34.7701



66.1209, 65.3876, 43.3191



16.4993, 16.4827, 17.1094



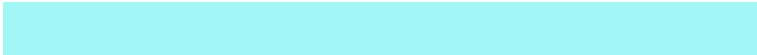
20.2863, 10.4581, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



64.4894, 80.2440, 99.2787



66.4686, 85.2628, 107.5618



53.1282, 57.5214, 95.4916



16.9967, 18.7577, 21.2673



26.4670, 38.7278, 52.6183



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 57.4480, 48.0421, 40.4276 looks on a white background.

Color Contrast Check

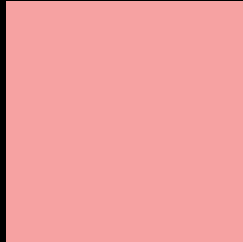
Large Text (above 18pt) WCAG AA × Fail

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 57.4480, 48.0421, 40.4276 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 57.4480, 48.0421, 40.4276

Background



This preview shows how black text looks on a background with the XYZ color 57.4480, 48.0421, 40.4276.



This preview shows how white text looks on a background with the XYZ color 57.4480, 48.0421,

40.4276.

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

57.4480, 48.0421, 40.4276

Protanopia

46.2663, 48.4133, 46.9506

Deuteranopia

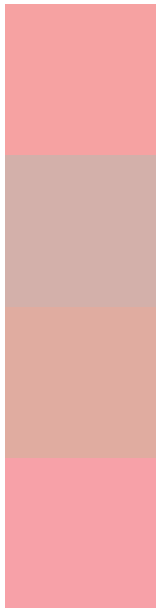
49.3298, 48.3410, 39.5317



Tritanopia

58.3750, 47.8943, 45.1976

Trichromacy



Original Color

57.4480, 48.0421, 40.4276

Protanomaly

49.6450, 47.8018, 44.6403

Deuteranomaly

51.8382, 47.8904, 39.7693

Tritanomaly

58.1705, 48.0910, 43.2624

Monochromacy



Original Color

57.4480, 48.0421, 40.4276

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.9687, 48.4650, 48.8405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4480, 48.0421, 40.4276 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(246, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 162)  
}
```

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(246, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 57.4480, 48.0421, 40.4276 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(246, 162, 162) }
```


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

```
.border{ border-color:rgb(246, 162, 162) }
```

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

Here you see how a box with a 4 pixel rgb(246, 162, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4480, 48.0421, 40.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 162) }
```

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

```
.background{ background-color: rgb(246,  
162, 162) }
```

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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