

Converting Colors

XYZ(57.5299, 48.7184, 41.1928)

Have a look what the booklet for
XYZ(57.5299, 48.7184, 41.1928)
contains.

XYZ(57.5425, 48.6077, 40.9997)	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(57.5425, 48.6077,
40.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A4A3
RGB	245, 164, 163
RGB Percent	96%, 64%, 64%
CMY	0.0392, 0.3568, 0.3608
CMYK	0.00, 0.33, 0.33, 0.04
HSL	1°, 80%, 80%
HSV	1°, 33%, 96%
XYZ	57.5425, 48.6077, 40.9997
YIQ	188.1050, 48.5970, 16.8610

Conversions

Conversions Part 2

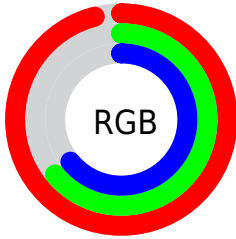
Format	Color
R _Y B	245, 164, 163
Decimal	16098467
CIE Lab	75.21, 29.85, 12.83
CIE LCh	75, 32.489, 23.259
Yxy	48.6077, 0.3910, 0.3303
Android (android.graphics.Color)	4294288547 (0xFFF5A4A3)
YUV	188.1050, -12.3768, 49.8969
Hunter-Lab	69.7192, 25.3157, 13.9369

Details

The XYZ color **57.5425, 48.6077, 40.9997** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9352, 79.0777, 98.2801**, and the grayscale version is **47.9095, 50.4045, 54.8905**.

A 20% lighter version of the original color is **79.4881, 77.5084, 77.1008**, and **29.0472, 23.0814, 17.9631** is the 20% darker color. If you saturate the color by 10%, you get **51.6299, 39.9617, 29.2276**, and if you desaturate by 10%, it is **64.7069, 59.0764, 55.2880**.

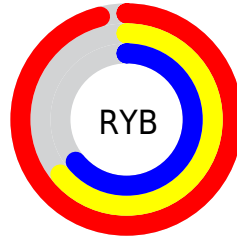
Distribution



Red (96%)

Green (64%)

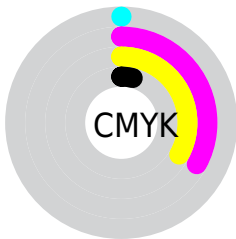
Blue (64%)



Red (96%)

Yellow (64%)

Blue (64%)

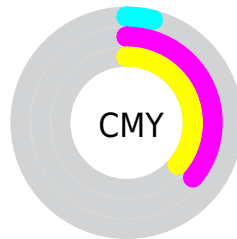


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5425, 48.6077, 40.9997 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 57.5425, 48.6077, 40.9997 by changing the saturation by 10% instead.


 57.5425, 48.6077,
40.9997

 57.5425, 48.6077,
40.9997


405.4604,
381.1959, 365.9960

 41.6828, 34.3084,
27.9992

 100.3831, 88.1085,
77.9371

 29.0430, 23.1306,
18.0860

 128.0948,
114.0788, 102.7110

 19.2578, 14.6900,
10.8417


160.4878,
144.7082, 132.2465

 11.9618, 8.6021,
5.8476

197.9274,
180.3812, 166.9621

 6.7897, 4.4826,
2.6854

240.7792,
221.4820, 207.2763

 3.3761, 1.9470,
0.9360

289.4084,

 1.3556, 0.5764,

268.3951, 253.6076

0.0000

344.1803,
321.5050, 306.3747

■ 0.2243, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5425, 48.6077,
40.9997

■ 57.5425, 48.6077,
40.9997

■ 51.6299, 39.9617,
29.2276

■ 64.7069, 59.0764,
55.2880

■ 46.8937, 33.0278,
19.8233

■ 73.1851, 71.4561,
72.2233

■ 43.2565, 27.6942,
12.6275

■ 83.0396, 85.8379,
91.9309

■ 40.6299, 23.8332,
7.4600

■ 91.4663, 98.1525,
108.7323

■ 38.9120, 21.2975,
4.1124

■ 37.9794, 19.9092,
2.3314

■ 37.6888, 19.4777,
1.7731

Harmonies

Analogous

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



58.5341, 48.6077, 56.8700



57.5425, 48.6077, 40.9997



53.3962, 48.6077, 30.7503

Triad

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



57.5425, 48.6077, 40.9997



37.6159, 48.6077, 35.6279



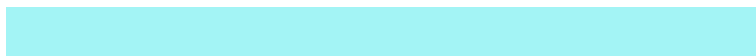
44.8687, 48.6077, 92.6434

Complementary

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



57.5425, 48.6077, 40.9997



63.9352, 79.0777, 98.2801

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.



39.6815, 48.6077, 83.8050



57.5425, 48.6077, 40.9997



35.7333, 48.6077, 49.1678

Square

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



57.5425, 48.6077, 40.9997



41.8230, 48.6077, 28.1465



36.4557, 48.6077, 66.9651



50.8725, 48.6077, 89.1454

Rectangle

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



57.5425, 48.6077, 40.9997



49.5785, 48.6077, 27.3173



36.4557, 48.6077, 66.9651



42.9788, 48.6077, 90.9637

Sweetspot

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



57.5438, 48.6100, 41.0007



83.6975, 83.4345, 86.1884



67.2351, 52.1999, 92.9183



17.5999, 17.3989, 17.8184



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.



57.5438, 48.6100, 41.0007



58.5867, 46.7538, 36.0735



65.8602, 65.2429, 43.7728



16.5154, 16.5150, 17.1148



20.3109, 10.5074, 0.9576



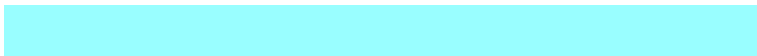
1.7908, 0.9348, 0.0860

Inverse Universe

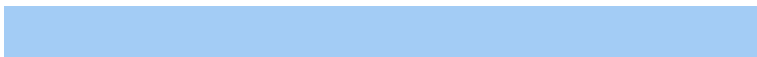
The Inverse Universe completely reimagines the original color for something new.



63.9352, 79.0777, 98.2801



66.5493, 84.7172, 107.4523



53.1790, 57.5653, 94.6947



16.9783, 18.7209, 21.2612



25.9920, 37.7779, 52.4600



2.2900, 3.3313, 4.6126

Previews

White Background



This preview shows how the XYZ color 57.5425, 48.6077, 40.9997 looks on a white background.

Color Contrast Check

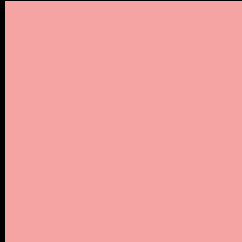
Large Text (above 18pt) WCAG AA × Fail

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 57.5425, 48.6077, 40.9997 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 57.5425, 48.6077, 40.9997

Background



This preview shows how black text looks on a background with the XYZ color 57.5425, 48.6077, 40.9997.



This preview shows how white text looks on a background with the XYZ color 57.5425, 48.6077,

40.9997.

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

57.5425, 48.6077, 40.9997

Protanopia

46.7272, 48.9604, 47.0319

Deuteranopia

49.9058, 48.9244, 40.0707



Tritanopia

58.5663, 48.4895, 46.3170

Trichromacy



Original Color

57.5425, 48.6077, 40.9997



Protanomaly

49.8418, 48.1954, 44.7059



Deuteranomaly

52.6204, 48.8529, 40.3744



Tritanomaly

58.3589, 48.6895, 44.3524

Monochromacy



Original Color

57.5425, 48.6077, 40.9997



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.5513, 49.0502, 49.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5425, 48.6077, 40.9997 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(245, 164, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 163)  
}
```

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(245, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 163) }
```

Border

The CSS property to change the border of an element to XYZ 57.5425, 48.6077, 40.9997 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(245, 164, 163) }
```


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

```
.border{ border-color:rgb(245, 164, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 164, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5425, 48.6077, 40.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 163) }
```

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

```
.background{ background-color: rgb(245,  
164, 163) }
```

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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