

Converting Colors

XYZ(57.8168, 49.1080, 41.0213)

Have a look what the booklet for
XYZ(57.8168, 49.1080, 41.0213)
contains.

XYZ(57.7222, 48.9671, 41.0596)	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(57.7222, 48.9671,
41.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A5A3
RGB	245, 165, 163
RGB Percent	96%, 65%, 64%
CMY	0.0392, 0.3529, 0.3608
CMYK	0.00, 0.33, 0.33, 0.04
HSL	1°, 80%, 80%
HSV	1°, 33%, 96%
XYZ	57.7222, 48.9671, 41.0596
YIQ	188.6920, 48.3220, 16.3380

Conversions

Conversions Part 2

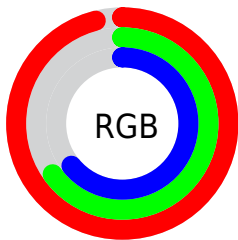
Format	Color
R _Y B	245, 165, 163
Decimal	16098723
CIE Lab	75.43, 29.32, 13.15
CIE LCh	75, 32.134, 24.148
Yxy	48.9671, 0.3907, 0.3314
Android (android.graphics.Color)	4294288803 (0xFFF5A5A3)
YUV	188.6920, -12.6662, 49.3821
Hunter-Lab	69.9765, 24.7822, 14.1944

Details

The XYZ color **57.7222, 48.9671, 41.0596** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6350, 78.4774, 98.1801**, and the grayscale version is **48.2457, 50.7583, 55.2757**.

A 20% lighter version of the original color is **79.7513, 78.0349, 77.1886**, and **29.1569, 23.3008, 17.9997** is the 20% darker color. If you saturate the color by 10%, you get **51.8205, 40.3429, 29.2911**, and if you desaturate by 10%, it is **64.8573, 59.3772, 55.3381**.

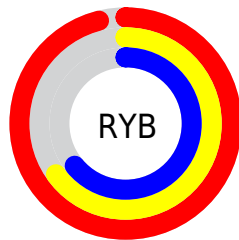
Distribution



Red (96%)

Green (65%)

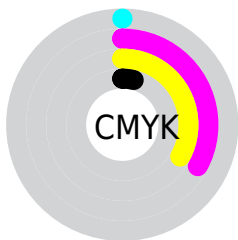
Blue (64%)



Red (96%)

Yellow (65%)

Blue (64%)

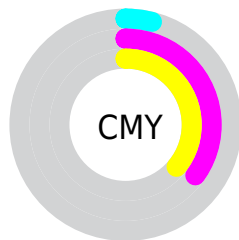


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (4%)



Cyan (4%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7222, 48.9671, 41.0596 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 57.7222, 48.9671, 41.0596 by changing the saturation by 10% instead.


 57.7222, 48.9671,
41.0596


 57.7222, 48.9671,
41.0596


406.1206,
382.6128, 366.2537

 41.8277, 34.5934,
28.0456


 100.6435, 88.6426,
78.0290

 29.1570, 23.3498,
18.1207


 128.4011,
114.7131, 102.8215

 19.3445, 14.8520,
10.8663


160.8437,
145.4514, 132.3773

 12.0249, 8.7156,
5.8640

198.3368,
181.2419, 167.1148

 6.8330, 4.5561,
2.6951

241.2456,
222.4688, 207.4527

 3.4033, 1.9893,
0.9410

289.9357,

 1.3704, 0.6012,

269.5167, 253.8094

0.0000

344.7722,
322.7699, 306.6036

■ 0.2350, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7222, 48.9671,
41.0596

■ 57.7222, 48.9671,
41.0596

■ 51.8205, 40.3429,
29.2911

■ 64.8573, 59.3772,
55.3381

■ 47.0787, 33.3977,
19.8850

■ 73.2861, 71.6581,
72.2569

■ 43.4216, 28.0243,
12.6826

■ 83.0695, 85.8978,
91.9409

■ 40.7634, 24.1001,
7.5045

■ 91.4663, 98.1525,
108.7323

■ 39.0055, 21.4844,
4.1436

■ 38.0291, 20.0086,
2.3479

■ 37.7213, 19.5426,
1.7840

Harmonies

Analogous

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



58.8105, 48.9671, 56.7105



57.7222, 48.9671, 41.0596



53.5331, 48.9671, 31.0154

Triad

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



57.7222, 48.9671, 41.0596



37.9105, 48.9671, 36.4098



45.3907, 48.9671, 92.7735

Complementary

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



57.7222, 48.9671, 41.0596



63.6350, 78.4774, 98.1801

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.



40.1873, 48.9671, 84.3511



57.7222, 48.9671, 41.0596



36.1102, 48.9671, 50.0613

Square

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



57.7222, 48.9671, 41.0596



42.0379, 48.9671, 28.7562



36.9071, 48.9671, 67.7988



51.3563, 48.9671, 88.9453

Rectangle

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



57.7222, 48.9671, 41.0596



49.7212, 48.9671, 27.7003



36.9071, 48.9671, 67.7988



43.5008, 48.9671, 91.2341

Sweetspot

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



57.7235, 48.9695, 41.0606



83.7840, 83.6076, 86.2173



67.0272, 52.1167, 91.8233



17.6206, 17.4403, 17.8253



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.



57.7235, 48.9695, 41.0606



58.7936, 47.1675, 36.1425



66.1865, 65.8955, 43.8816



16.5316, 16.5474, 17.1202



20.3356, 10.5567, 0.9658



1.7985, 0.9503, 0.0886

Inverse Universe

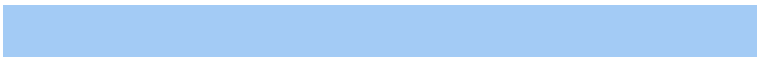
The Inverse Universe completely reimagines the original color for something new.



63.6350, 78.4774, 98.1801



66.1563, 83.9312, 107.3213



52.8556, 56.9184, 94.5869



16.9599, 18.6842, 21.2551



25.5246, 36.8430, 52.3041



2.2542, 3.2598, 4.6006

Previews

White Background



This preview shows how the XYZ color 57.7222, 48.9671, 41.0596 looks on a white background.

Color Contrast Check

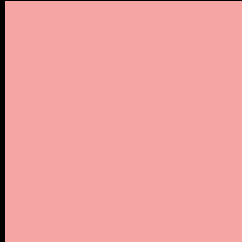
Large Text (above 18pt) WCAG AA × Fail

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 57.7222, 48.9671, 41.0596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

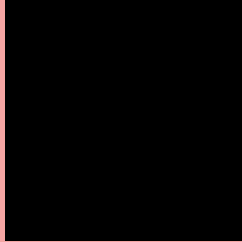
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7222, 48.9671, 41.0596

Background



This preview shows how black text looks on a background with the XYZ color 57.7222, 48.9671, 41.0596.



This preview shows how white text looks on a background with the XYZ color 57.7222, 48.9671,

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

57.7222, 48.9671, 41.0596

Protanopia

46.9371, 49.3803, 47.1019

Deuteranopia

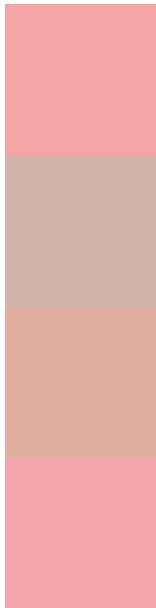
49.9058, 48.9244, 40.0707



Tritanopia

58.8411, 48.8824, 46.8914

Trichromacy



Original Color

57.7222, 48.9671, 41.0596

Protanomaly

50.0401, 48.5920, 44.7720

Deuteranomaly

52.6204, 48.8529, 40.3744

Tritanomaly

58.6322, 49.0840, 44.9120

Monochromacy



Original Color

57.7222, 48.9671, 41.0596

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 57.7222, 48.9671, 41.0596 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, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 165, 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, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 165, 163) }
```

Border

The CSS property to change the border of an element to XYZ 57.7222, 48.9671, 41.0596 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, 165, 163) }
```


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

```
.border{ border-color:rgb(245, 165, 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, 165, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 165,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7222, 48.9671, 41.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 165, 163) }
```

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

```
.background{ background-color: rgb(245,  
165, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor