

Converting Colors

XYZ(57.6567, 47.5744, 39.2590)

Have a look what the booklet for
XYZ(57.6567, 47.5744, 39.2590)
contains.

XYZ(57.6274, 47.6361, 39.4151)	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(57.6274, 47.6361,
39.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A0A0
RGB	248, 160, 160
RGB Percent	97%, 63%, 63%
CMY	0.0275, 0.3725, 0.3725
CMYK	0.00, 0.35, 0.35, 0.03
HSL	0°, 86%, 80%
HSV	0°, 35%, 97%
XYZ	57.6274, 47.6361, 39.4151
YIQ	186.3120, 52.4480, 18.6560

Conversions

Conversions Part 2

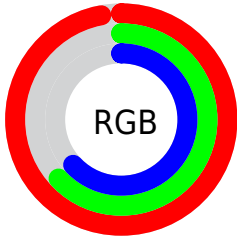
Format	Color
R _Y B	248, 160, 160
Decimal	16294048
CIE Lab	74.59, 32.69, 13.66
CIE LCh	75, 35.432, 22.676
Yxy	47.6361, 0.3983, 0.3293
Android (android.graphics.Color)	4294484128 (0xFFF8A0A0)
YUV	186.3120, -12.9718, 54.1004
Hunter-Lab	69.0189, 28.2556, 14.4541

Details

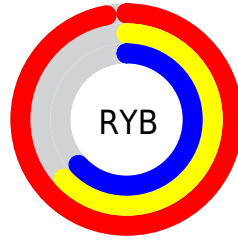
The XYZ color **57.6274, 47.6361, 39.4151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0066, 81.3828, 101.0894**, and the grayscale version is **46.8981, 49.3404, 53.7317**.

A 20% lighter version of the original color is **78.0616, 75.2780, 74.7058**, and **29.0043, 22.4383, 17.2703** is the 20% darker color. If you saturate the color by 10%, you get **51.7918, 39.0974, 27.8128**, and if you desaturate by 10%, it is **64.7556, 58.0672, 53.5841**.

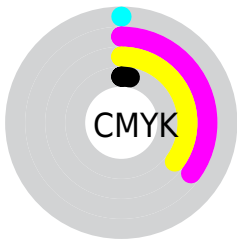
Distribution



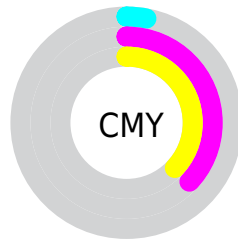
- Red (97%)
- Green (63%)
- Blue (63%)



- Red (97%)
- Yellow (63%)
- Blue (63%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6274, 47.6361, 39.4151 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 57.6274, 47.6361, 39.4151 by changing the saturation by 10% instead.


 57.6274, 47.6361,
39.4151


 57.6274, 47.6361,
39.4151


405.7724,
377.3479, 359.1306

 41.7513, 33.5388,
26.7725


 100.5062, 86.6623,
75.4993

 29.0968, 22.5395,
17.1715


 128.2395,
112.3601, 99.7780

 19.2987, 14.2539,
10.1936


160.6559,
142.6934, 128.7725

 11.9916, 8.2974,
5.4202

198.1209,
178.0467, 162.9013

 6.8101, 4.2859,
2.4329

240.9996,
218.8045, 202.5830

 3.3889, 1.8347,
0.8043

289.6576,

 1.3626, 0.5087,

265.3510, 248.2361

0.0000

344.4600,
318.0706, 300.2791

■ 0.2294, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6274, 47.6361,
39.4151

■ 57.6274, 47.6361,
39.4151

■ 51.7918, 39.0974,
27.8128

■ 64.7556, 58.0672,
53.5841

■ 47.1680, 32.3314,
18.6212

■ 73.2435, 70.4874,
70.4577

■ 43.6719, 27.2155,
11.6714

■ 83.1579, 84.9949,
90.1673

■ 41.2072, 23.6087,
6.7719

■ 92.5215, 98.6965,
108.7817

■ 39.6612, 21.3465,
3.6991

■ 38.8952, 20.2254,
2.1766

■ 38.7116, 19.9568,
1.8117

Harmonies

Analogous

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



58.6340, 47.6361, 56.4986



57.6274, 47.6361, 39.4151



53.1681, 47.6361, 28.5574

Triad

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



57.6274, 47.6361, 39.4151



36.1659, 47.6361, 33.2748



43.7237, 47.6361, 95.3444

Complementary

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



57.6274, 47.6361, 39.4151



65.0066, 81.3828, 101.0894

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.



38.2075, 47.6361, 85.3045



57.6274, 47.6361, 39.4151



34.1196, 47.6361, 47.4969

Square

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



57.6274, 47.6361, 39.4151



40.6895, 47.6361, 25.6402



34.8302, 47.6361, 66.7002



50.1963, 47.6361, 91.7288

Rectangle

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



57.6274, 47.6361, 39.4151



49.0467, 47.6361, 24.9418



34.8302, 47.6361, 66.7002



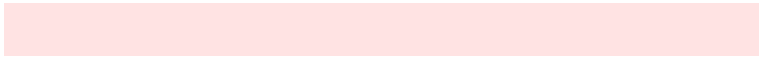
41.7050, 47.6361, 93.3873

Sweetspot

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



57.6287, 47.6384, 39.4160



82.5541, 81.7150, 84.0584



68.2258, 51.8759, 95.2243



17.3685, 17.0493, 17.3927



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.



57.6287, 47.6384, 39.4160



56.5578, 43.6750, 32.3790



66.6498, 65.6807, 42.4231



17.2448, 17.2254, 17.8783



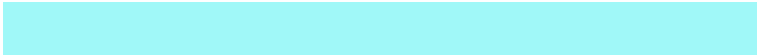
20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

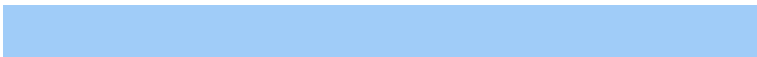
The Inverse Universe completely reimagines the original color for something new.



65.0066, 81.3828, 101.0894



65.5468, 84.7875, 107.5187



53.0338, 57.4371, 97.0984



17.7658, 19.6084, 22.2337



27.2835, 39.9226, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 57.6274, 47.6361, 39.4151 looks on a white background.

Color Contrast Check

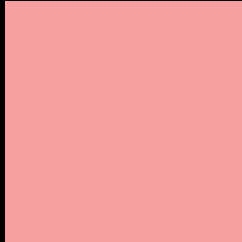
Large Text (above 18pt) WCAG AA × Fail

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 57.6274, 47.6361, 39.4151 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 57.6274, 47.6361, 39.4151

Background



This preview shows how black text looks on a background with the XYZ color 57.6274, 47.6361, 39.4151.



This preview shows how white text looks on a background with the XYZ color 57.6274, 47.6361,

39.4151.

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

57.6274, 47.6361, 39.4151

Protanopia

45.6151, 47.7927, 45.8505

Deuteranopia

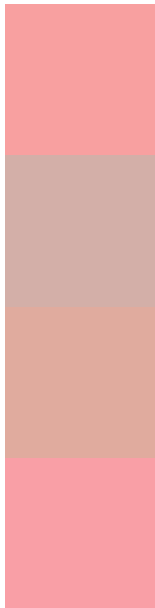
48.6719, 47.7275, 38.5453



Tritanopia

58.5495, 47.4957, 44.1119

Trichromacy



Original Color

57.6274, 47.6361, 39.4151

Protanomaly

49.2618, 47.3360, 43.5862

Deuteranomaly

51.4749, 47.4417, 38.7919

Tritanomaly

58.3480, 47.6892, 42.2061

Monochromacy



Original Color

57.6274, 47.6361, 39.4151

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.9524, 48.1739, 48.2607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6274, 47.6361, 39.4151 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(248, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 160)  
}
```

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(248, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 160) }
```

Border

The CSS property to change the border of an element to XYZ 57.6274, 47.6361, 39.4151 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(248, 160, 160) }
```


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

```
.border{ border-color:rgb(248, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6274, 47.6361, 39.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 160) }
```

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

```
.background{ background-color: rgb(248,  
160, 160) }
```

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