

Converting Colors

XYZ(57.5394, 47.5601, 40.7977)

Have a look what the booklet for
XYZ(57.5394, 47.5601, 40.7977)
contains.

XYZ(57.5394, 47.5601, 40.7977)	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(57.5394, 47.5601,
40.7977)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A0A3
RGB	247, 160, 163
RGB Percent	97%, 63%, 64%
CMY	0.0314, 0.3725, 0.3608
CMYK	0.00, 0.35, 0.34, 0.03
HSL	358°, 84%, 80%
HSV	358°, 35%, 97%
XYZ	57.5394, 47.5601, 40.7977
YIQ	186.3550, 50.8890, 19.3770

Conversions

Conversions Part 2

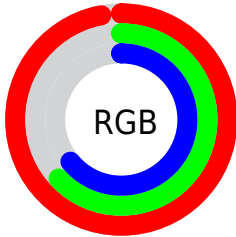
Format	Color
R _Y B	247, 160, 163
Decimal	16228515
CIE Lab	74.55, 32.69, 11.93
CIE LCh	75, 34.794, 20.051
Yxy	47.5601, 0.3944, 0.3260
Android (android.graphics.Color)	4294418595 (0xFFF7A0A3)
YUV	186.3550, -11.5140, 53.1857
Hunter-Lab	68.9638, 28.2433, 13.1998

Details

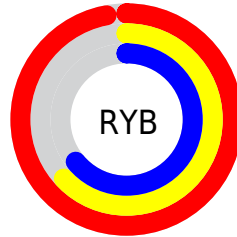
The XYZ color **57.5394, 47.5601, 40.7977** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.0892, 80.5277, 97.7577**, and the grayscale version is **46.9149, 49.3581, 53.7510**.

A 20% lighter version of the original color is **78.4508, 75.4337, 76.7550**, and **28.8660, 22.3545, 17.8324** is the 20% darker color. If you saturate the color by 10%, you get **51.7358, 39.0563, 29.2960**, and if you desaturate by 10%, it is **64.5991, 57.9309, 54.7071**.

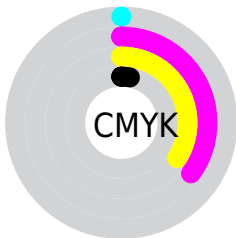
Distribution



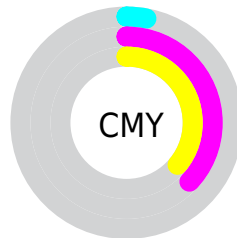
- Red (97%)
- Green (63%)
- Blue (64%)



- Red (97%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5394, 47.5601, 40.7977 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 57.5394, 47.5601, 40.7977 by changing the saturation by 10% instead.


 57.5394, 47.5601,
40.7977

 57.5394, 47.5601,
40.7977


405.4490,
377.0458, 365.1260

 41.6803, 33.4787,
27.8425

 100.3786, 86.5491,
77.6270

 29.0410, 22.4934,
17.9690


 128.0895,
112.2254, 102.3383

 19.2563, 14.2199,
10.7585


160.4816,
142.5355, 131.8053

 11.9607, 8.2737,
5.7926

197.9204,
177.8637, 166.4466

 6.7890, 4.2706,
2.6526

240.7712,
218.5944, 206.6808

 3.3756, 1.8261,
0.9194

289.3993,

 1.3554, 0.5033,

265.1121, 252.9264

0.0000

344.1701,
317.8011, 305.6020

■ 0.2241, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5394, 47.5601,
40.7977

■ 57.5394, 47.5601,
40.7977

■ 51.7358, 39.0563,
29.2960

■ 64.5991, 57.9309,
54.7071

■ 47.1113, 32.3021,
20.0627

■ 72.9785, 70.2630,
71.1472

■ 43.5860, 27.1780,
12.9487

■ 82.7414, 84.6526,
90.2357

■ 41.0688, 23.5462,
7.7857

■ 92.1678, 98.5142,
108.7651

■ 39.4541, 21.2468,
4.3801

■ 38.6123, 20.0826,
2.4985

■ 38.4043, 19.7928,
2.0404

Harmonies

Analogous

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



58.1889, 47.5601, 58.0006



57.5394, 47.5601, 40.7977



53.4205, 47.5601, 29.5179

Triad

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



57.5394, 47.5601, 40.7977



36.5551, 47.5601, 32.5818



43.1476, 47.5601, 93.9237

Complementary

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



57.5394, 47.5601, 40.7977



64.0892, 80.5277, 97.7577

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.



37.8772, 47.5601, 83.1224



57.5394, 47.5601, 40.7977



34.3113, 47.5601, 46.0298

Square

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



57.5394, 47.5601, 40.7977



41.1848, 47.5601, 25.5932



34.7718, 47.5601, 64.5863



49.4775, 47.5601, 91.5965

Rectangle

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



57.5394, 47.5601, 40.7977



49.4562, 47.5601, 25.5802



34.7718, 47.5601, 64.5863



41.2037, 47.5601, 91.6271

Sweetspot

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



57.5407, 47.5624, 40.7986



82.6873, 81.7676, 84.7620



66.2020, 50.8518, 94.3218



17.3999, 17.0617, 17.5586



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.



57.5407, 47.5624, 40.7986



57.4479, 44.6619, 35.1214



65.1623, 63.2300, 42.0309



16.5222, 16.4918, 17.2308



20.3213, 10.4719, 1.1343



1.7940, 0.9236, 0.1417

Inverse Universe

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



57.5407, 47.5624, 40.7986



57.4479, 44.6619, 35.1214



53.8070, 59.2297, 96.5922



16.5222, 16.4918, 17.2308



20.3213, 10.4719, 1.1343



1.7940, 0.9236, 0.1417

Previews

White Background



This preview shows how the XYZ color 57.5394, 47.5601, 40.7977 looks on a white background.

Color Contrast Check

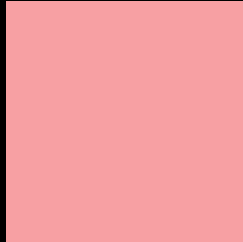
Large Text (above 18pt) WCAG AA × Fail

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 57.5394, 47.5601, 40.7977 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 57.5394, 47.5601, 40.7977

Background



This preview shows how black text looks on a background with the XYZ color 57.5394, 47.5601, 40.7977.



This preview shows how white text looks on a background with the XYZ color 57.5394, 47.5601,

40.7977.

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

57.5394, 47.5601, 40.7977

Protanopia

45.6576, 47.7809, 47.3737

Deuteranopia

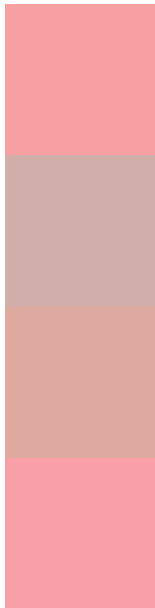
48.6456, 47.6840, 39.8977



Tritanopia

58.4602, 47.6930, 44.6526

Trichromacy



Original Color

57.5394, 47.5601, 40.7977

Protanomaly

49.2590, 47.3019, 45.0620

Deuteranomaly

51.4274, 47.3870, 40.1543

Tritanomaly

58.1774, 47.5799, 43.1633

Monochromacy



Original Color

57.5394, 47.5601, 40.7977

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.7704, 48.0685, 48.7744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5394, 47.5601, 40.7977 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(247, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(247, 160, 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(247, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 160, 163) }
```

Border

The CSS property to change the border of an element to XYZ 57.5394, 47.5601, 40.7977 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(247, 160, 163) }
```


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

```
.border{ border-color:rgb(247, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(247, 160,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5394, 47.5601, 40.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 160, 163) }
```

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

```
.background{ background-color: rgb(247,  
160, 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