

Converting Colors

XYZ(57.4570, 47.8465, 37.6595)

Have a look what the booklet for
XYZ(57.4570, 47.8465, 37.6595)
contains.

XYZ(57.4570, 47.8465, 37.6595)	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(57.4570, 47.8465,
37.6595)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A19C
RGB	248, 161, 156
RGB Percent	97%, 63%, 61%
CMY	0.0275, 0.3686, 0.3882
CMYK	0.00, 0.35, 0.37, 0.03
HSL	3°, 87%, 79%
HSV	3°, 37%, 97%
XYZ	57.4570, 47.8465, 37.6595
YIQ	186.4430, 53.4570, 16.8890

Conversions

Conversions Part 2

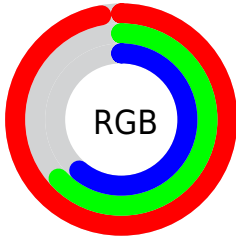
Format	Color
R _Y B	248, 161, 156
Decimal	16294300
CIE Lab	74.73, 31.70, 16.04
CIE LCh	75, 35.528, 26.835
Yxy	47.8465, 0.4019, 0.3347
Android (android.graphics.Color)	4294484380 (0xFFF8A19C)
YUV	186.4430, -15.0084, 53.9855
Hunter-Lab	69.1712, 27.2214, 16.1400

Details

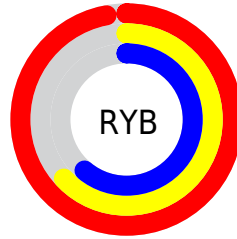
The XYZ color **57.4570, 47.8465, 37.6595** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7028, 77.9433, 100.5466**, and the grayscale version is **46.9824, 49.4291, 53.8283**.

A 20% lighter version of the original color is **77.6857, 75.5389, 71.4587**, and **28.8986, 22.5639, 16.1967** is the 20% darker color. If you saturate the color by 10%, you get **51.8466, 39.6504, 26.4650**, and if you desaturate by 10%, it is **64.2671, 57.7558, 51.3700**.

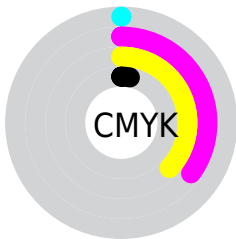
Distribution



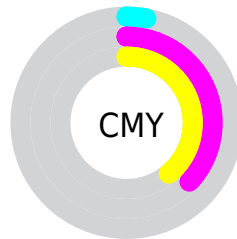
- Red (97%)
- Green (63%)
- Blue (61%)



- Red (97%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4570, 47.8465, 37.6595 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 57.4570, 47.8465, 37.6595 by changing the saturation by 10% instead.


 57.4570, 47.8465,
37.6595

 57.4570, 47.8465,
37.6595


405.1461,
378.1834, 351.4113

 41.6138, 33.7053,
25.4187


 100.2592, 86.9758,
72.7836

 28.9888, 22.6673,
16.1675


 127.9490,
112.7328, 96.5040

 19.2166, 14.3481,
9.4871


160.3183,
143.1304, 124.8880

 11.9318, 8.3631,
4.9591

197.7326,
178.5532, 158.3541

 6.7691, 4.3282,
2.1650

240.5571,
219.3855, 197.3210

 3.3632, 1.8588,
0.6540

289.1573,

 1.3486, 0.5234,

266.0117, 242.2072

0.0000

343.8985,
318.8162, 293.4311

■ 0.2192, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4570, 47.8465,
37.6595

■ 57.4570, 47.8465,
37.6595

■ 51.8466, 39.6504,
26.4650

■ 64.2671, 57.7558,
51.3700

■ 47.3630, 33.0638,
17.6310

■ 72.3370, 69.4602,
67.7335

■ 43.9308, 27.9828,
10.9891

■ 81.7272, 83.0450,
86.8805

■ 41.4642, 24.2885,
6.3477

■ 92.4606, 98.5749,
108.7614

■ 39.8636, 21.8438,
3.4818

■ 92.5214, 98.6964,
108.7817

■ 39.0063, 20.4833,
2.1046

■ 38.8617, 20.2570,
1.8618

Harmonies

Analogous

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



59.0086, 47.8465, 54.0811



57.4570, 47.8465, 37.6595



52.5995, 47.8465, 27.6739

Triad

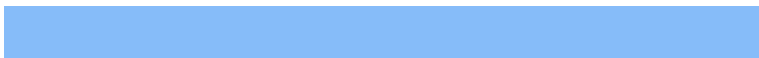
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4570, 47.8465, 37.6595



35.8704, 47.8465, 34.9911



44.7958, 47.8465, 96.1839

Complementary

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



57.4570, 47.8465, 37.6595



62.7028, 77.9433, 100.5466

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.



39.0277, 47.8465, 87.8180



57.4570, 47.8465, 37.6595



34.1899, 47.8465, 50.1614

Square

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



57.4570, 47.8465, 37.6595



40.1079, 47.8465, 26.4083



35.2894, 47.8465, 69.8197



51.3044, 47.8465, 90.6232

Rectangle

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



57.4570, 47.8465, 37.6595



48.3583, 47.8465, 24.6134



35.2894, 47.8465, 69.8197



42.7118, 47.8465, 94.8674

Sweetspot

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



57.4582, 47.8488, 37.6604



82.9728, 82.5524, 84.1979



66.8382, 50.2291, 91.2835



17.4672, 17.2467, 17.4256



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.



57.4582, 47.8488, 37.6604



56.3472, 43.8710, 30.4058



66.9284, 66.7891, 40.8171



17.3204, 17.3766, 17.9035



21.0234, 11.0034, 1.0158



1.9729, 1.0707, 0.1027

Inverse Universe

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



62.7028, 77.9433, 100.5466



62.7080, 80.4183, 106.8250



50.7112, 53.9601, 96.5494



17.6802, 19.4372, 22.2052



25.1596, 35.6747, 53.5334



2.3542, 3.3521, 4.9661

Previews

White Background



This preview shows how the XYZ color 57.4570, 47.8465, 37.6595 looks on a white background.

Color Contrast Check

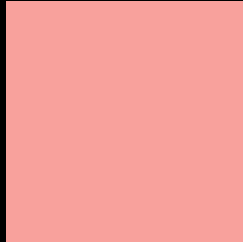
Large Text (above 18pt) WCAG AA × Fail

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 57.4570, 47.8465, 37.6595 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 57.4570, 47.8465, 37.6595

Background



This preview shows how black text looks on a background with the XYZ color 57.4570, 47.8465, 37.6595.



This preview shows how white text looks on a background with the XYZ color 57.4570, 47.8465,

37.6595.

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

57.4570, 47.8465, 37.6595

Protanopia

45.9466, 48.3146, 43.9498

Deuteranopia

48.9125, 47.8903, 36.8028



Tritanopia

58.8157, 47.8763, 44.6692

Trichromacy



Original Color

57.4570, 47.8465, 37.6595

Protanomaly

49.3776, 47.7281, 41.7319

Deuteranomaly

51.7597, 47.6277, 37.0369

Tritanomaly

58.5207, 48.0345, 42.2636

Monochromacy



Original Color

57.4570, 47.8465, 37.6595

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.7545, 48.0947, 47.2183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4570, 47.8465, 37.6595 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, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(248, 161, 156)  
}
```

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, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 57.4570, 47.8465, 37.6595 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, 161, 156) }
```


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

```
.border{ border-color:rgb(248, 161, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(248, 161,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4570, 47.8465, 37.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 161, 156) }
```

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

```
.background{ background-color: rgb(248,  
161, 156) }
```

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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