

Converting Colors

XYZ(57.3748, 45.2973, 37.1734)

Have a look what the booklet for
XYZ(57.3748, 45.2973, 37.1734)
contains.

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Color

**XYZ(57.2122, 45.2290,
37.1671)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC979C |
| RGB | 252, 151, 156 |
| RGB Percent | 99%, 59%, 61% |
| CMY | 0.0118, 0.4078, 0.3882 |
| CMYK | 0.00, 0.40, 0.38, 0.01 |
| HSL | 357°, 94%, 79% |
| HSV | 357°, 40%, 99% |
| XYZ | 57.2122, 45.2290, 37.1671 |
| YIQ | 181.7690, 58.5910, 22.9670 |

Conversions

Conversions Part 2

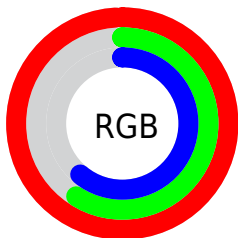
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 252, 151, 156 |
| Decimal | 16553884 |
| CIE _{Lab} | 73.04, 38.37, 13.75 |
| CIE _{LCh} | 73, 40.754, 19.713 |
| Yxy | 45.2290, 0.4098, 0.3240 |
| Android (android.graphics.Color) | 4294743964 (0xFFFC979C) |
| YUV | 181.7690, -12.7041, 61.5926 |
| Hunter-Lab | 67.2525, 34.1594, 14.3101 |

Details

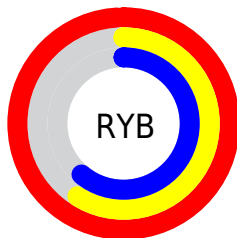
The XYZ color **57.2122, 45.2290, 37.1671** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3636, 82.9164, 100.6126**, and the grayscale version is **44.3835, 46.6949, 50.8508**.

A 20% lighter version of the original color is **74.9442, 70.0558, 70.5449**, and **28.9098, 21.0927, 15.9122** is the 20% darker color. If you saturate the color by 10%, you get **51.7491, 37.2351, 26.3063**, and if you desaturate by 10%, it is **63.9444, 55.1208, 50.4251**.

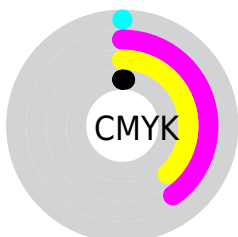
Distribution



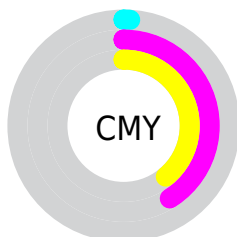
- Red (99%)
- Green (59%)
- Blue (61%)



- Red (99%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2122, 45.2290, 37.1671 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 57.2122, 45.2290, 37.1671 by changing the saturation by 10% instead.

57.2122, 45.2290,
37.1671

57.2122, 45.2290,
37.1671

404.2453,
367.7002, 349.2239

41.4164, 31.6378,
25.0401

99.9043, 83.0639,
72.0189

28.8337, 21.0850,
15.8876

127.5314,
108.0765, 95.5808

19.0987, 13.1862,
9.2912

159.8329,
137.6650, 123.7914

11.8461, 7.5569,
4.8322

197.1743,
172.2138, 157.0692

6.7104, 3.8127,
2.0921

239.9209,
212.1074, 195.8328

3.3264, 1.5694,
0.6111

288.4380,

1.3286, 0.3368,

257.7300, 240.5008

0.0000

343.0910,
309.4662, 291.4916

■ 0.2045, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2122, 45.2290,
37.1671

■ 57.2122, 45.2290,
37.1671

■ 51.7491, 37.2351,
26.3063

■ 63.9444, 55.1208,
50.4251

■ 47.4722, 31.0114,
17.6971

■ 72.0146, 67.0140,
66.2088

■ 44.2943, 26.4253,
11.1822

■ 81.4910, 81.0127,
84.6408

■ 42.1148, 23.3226,
6.5827

■ 92.4362, 97.2117,
105.8349

■ 40.8146, 21.5198,
3.6902

93.9548, 99.4354,
108.8487

■ 40.2140, 20.7231,
2.2432

Harmonies

Analogous

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



57.9197, 45.2290, 56.5881



57.2122, 45.2290, 37.1671



52.4658, 45.2290, 24.9789

Triad

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



57.2122, 45.2290, 37.1671



33.3660, 45.2290, 27.9906



40.5893, 45.2290, 98.7924

Complementary

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



57.2122, 45.2290, 37.1671



64.3636, 82.9164, 100.6126

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.



34.7278, 45.2290, 85.6307



57.2122, 45.2290, 37.1671



30.8734, 45.2290, 42.5694

Square

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



57.2122, 45.2290, 37.1671



38.5332, 45.2290, 20.7838



31.3428, 45.2290, 63.6953



47.7753, 45.2290, 96.1631

Rectangle

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



57.2122, 45.2290, 37.1671



47.9140, 45.2290, 20.8596



31.3428, 45.2290, 63.6953



38.4132, 45.2290, 95.9530

Sweetspot

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



57.2134, 45.2312, 37.1680



81.7188, 80.2728, 83.0762



66.9786, 48.9289, 98.0093



17.2089, 16.7644, 17.2332



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.



57.2134, 45.2312, 37.1680



54.2077, 39.7797, 29.1144



65.5737, 62.6149, 37.9110



17.2794, 17.2391, 18.0611



20.9630, 10.8009, 1.2479



1.9534, 1.0051, 0.1779

Inverse Universe

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



57.2134, 45.2312, 37.1680



54.2077, 39.7797, 29.1144



52.5392, 58.0176, 100.5247



17.2794, 17.2391, 18.0611



20.9630, 10.8009, 1.2479



1.9534, 1.0051, 0.1779

Previews

White Background



This preview shows how the XYZ color 57.2122, 45.2290, 37.1671 looks on a white background.

Color Contrast Check

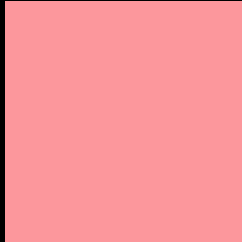
Large Text (above 18pt) WCAG AA × Fail

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 57.2122, 45.2290, 37.1671 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 57.2122, 45.2290, 37.1671

Background



This preview shows how black text looks on a background with the XYZ color 57.2122, 45.2290, 37.1671.



This preview shows how white text looks on a background with the XYZ color 57.2122, 45.2290,

37.1671.

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

57.2122, 45.2290, 37.1671

Protanopia

43.4784, 45.4948, 45.0179

Deuteranopia

46.3432, 45.4195, 36.0301



Tritanopia

57.4843, 45.0813, 39.3900

Trichromacy



Original Color

57.2122, 45.2290, 37.1671

Protanomaly

47.3654, 44.6844, 42.2049

Deuteranomaly

49.6363, 44.8982, 36.1871

Tritanomaly

57.3092, 45.0113, 38.4684

Monochromacy



Original Color

57.2122, 45.2290, 37.1671

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.8379, 45.4083, 45.7785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2122, 45.2290, 37.1671 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(252, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 151, 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(252, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 151, 156) }
```

Border

The CSS property to change the border of an element to XYZ 57.2122, 45.2290, 37.1671 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(252, 151, 156) }
```


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

```
.border{ border-color:rgb(252, 151, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 151, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 151,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2122, 45.2290, 37.1671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 151, 156) }
```

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

```
.background{ background-color: rgb(252,  
151, 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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