

Converting Colors

XYZ(57.8411, 45.8045, 35.6976)

Have a look what the booklet for
XYZ(57.8411, 45.8045, 35.6976)
contains.

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Color

**XYZ(57.7688, 45.7943,
35.5002)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9898
RGB	254, 152, 152
RGB Percent	100%, 60%, 60%
CMY	0.0039, 0.4039, 0.4039
CMYK	0.00, 0.40, 0.40, 0.00
HSL	0°, 98%, 80%
HSV	0°, 40%, 100%
XYZ	57.7688, 45.7943, 35.5002
YIQ	182.4980, 60.7920, 21.6240

Conversions

Conversions Part 2

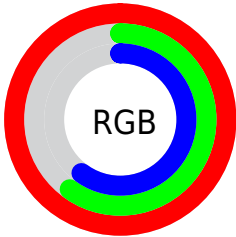
Format	Color
R_{YB}	254, 152, 152
Decimal	16685208
CIE _{Lab}	73.41, 38.14, 16.50
CIE _{LCh}	73, 41.556, 23.401
Yxy	45.7943, 0.4154, 0.3293
Android (android.graphics.Color)	4294875288 (0xFFFE9898)
YUV	182.4980, -15.0355, 62.7073
Hunter-Lab	67.6715, 33.9542, 16.2667

Details

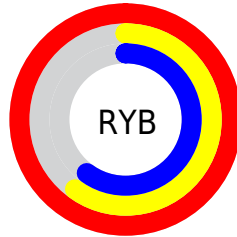
The XYZ color **57.7688, 45.7943, 35.5002** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2785, 84.7112, 106.6236**, and the grayscale version is **44.7925, 47.1252, 51.3193**.

A 20% lighter version of the original color is **74.6934, 70.3419, 68.0331**, and **29.0589, 21.3326, 14.8979** is the 20% darker color. If you saturate the color by 10%, you get **52.2167, 37.6705, 24.4617**, and if you desaturate by 10%, it is **64.6513, 55.8659, 49.1806**.

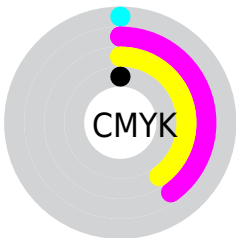
Distribution



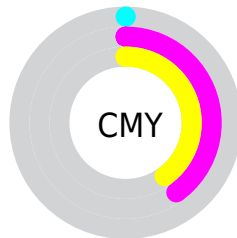
- Red (100%)
- Green (60%)
- Blue (60%)



- Red (100%)
- Yellow (60%)
- Blue (60%)



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





- Cyan (0%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7688, 45.7943, 35.5002 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 57.7688, 45.7943, 35.5002 by changing the saturation by 10% instead.


 57.7688, 45.7943,
35.5002

 57.7688, 45.7943,
35.5002


406.2916,
369.9810, 341.7418

 41.8653, 32.0835,
23.7618

 100.7110, 83.9111,
69.4203

 29.1865, 21.4253,
14.9465


 128.4805,
109.0859, 92.4390

 19.3670, 13.4352,
8.6356


160.9360,
138.8508, 120.0550

 12.0413, 7.7289,
4.4107

198.4429,
173.5902, 152.6867

 6.8442, 3.9220,
1.8533

241.3665,
213.6885, 190.7527

 3.4103, 1.6300,
0.4627

290.0723,

 1.3743, 0.3777,

259.5302, 234.6715

0.0000

344.9256,
311.4996, 284.8617

■ 0.2378, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7688, 45.7943,
35.5002

■ 57.7688, 45.7943,
35.5002

■ 52.2167, 37.6705,
24.4617

■ 64.6513, 55.8659,
49.1806

■ 47.9059, 31.3625,
15.8923

■ 72.9385, 67.9925,
65.6553

■ 44.7421, 26.7328,
9.6031

■ 82.7037, 82.2818,
85.0683

■ 42.6158, 23.6212,
5.3764

■ 94.0140, 98.8318,
107.5528

■ 41.3965, 21.8369,
2.9529

94.6830, 99.8108,
108.8828

■ 40.8732, 21.0711,
1.9129

Harmonies

Analogous

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



59.0644, 45.7943, 54.6409



57.7688, 45.7943, 35.5002



52.4719, 45.7943, 23.9896

Triad

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



57.7688, 45.7943, 35.5002



33.1726, 45.7943, 29.4778



41.9281, 45.7943, 101.6030

Complementary

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



57.7688, 45.7943, 35.5002



66.2785, 84.7112, 106.6236

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.



35.6597, 45.7943, 89.7472



57.7688, 45.7943, 35.5002



30.9841, 45.7943, 45.3706

Square

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



57.7688, 45.7943, 35.5002



38.1700, 45.7943, 21.2555



31.8409, 45.7943, 67.6536



49.3612, 45.7943, 96.7796

Rectangle

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



57.7688, 45.7943, 35.5002



47.6734, 45.7943, 20.3420



31.8409, 45.7943, 67.6536



39.6266, 45.7943, 99.3485

Sweetspot

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



57.7700, 45.7966, 35.5011



81.5126, 80.1911, 81.9880



69.9908, 50.6834, 99.8599



17.1609, 16.7454, 16.9798



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.



57.7700, 45.7966, 35.5011



53.7799, 39.6100, 26.8567



67.8967, 66.0500, 38.8766



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

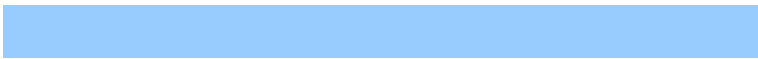
The Inverse Universe completely reimagines the original color for something new.



66.2785, 84.7112, 106.6236



63.4176, 83.6896, 107.4190



52.1946, 56.5434, 101.9289



18.5549, 20.4813, 23.2253



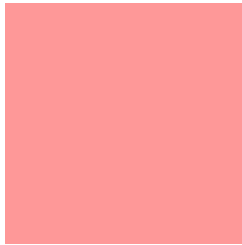
28.1145, 41.1386, 55.8933



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 57.7688, 45.7943, 35.5002 looks on a white background.

Color Contrast Check

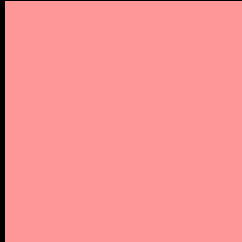
Large Text (above 18pt) WCAG AA × Fail

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 57.7688, 45.7943, 35.5002 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 57.7688, 45.7943, 35.5002

Background



This preview shows how black text looks on a background with the XYZ color 57.7688, 45.7943, 35.5002.



This preview shows how white text looks on a background with the XYZ color 57.7688, 45.7943,

35.5002.

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

57.7688, 45.7943, 35.5002

Protanopia

43.6977, 45.9605, 42.6445

Deuteranopia

46.7758, 45.9655, 34.4239



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

57.7688, 45.7943, 35.5002

Protanomaly

47.6717, 45.1715, 39.9246

Deuteranomaly

50.1124, 45.4499, 34.5653

Tritanomaly

58.4782, 45.8618, 38.1178

Monochromacy



Original Color

57.7688, 45.7943, 35.5002

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.4934, 46.0389, 45.3602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7688, 45.7943, 35.5002 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(254, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 152, 152)  
}
```

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(254, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 57.7688, 45.7943, 35.5002 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(254, 152, 152) }
```


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

```
.border{ border-color:rgb(254, 152, 152) }
```

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

Here you see how a box with a 4 pixel rgb(254, 152, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7688, 45.7943, 35.5002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 152, 152) }
```

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

```
.background{ background-color: rgb(254,  
152, 152) }
```

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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