

Converting Colors

XYZ(57.4372, 45.7457, 31.7103)

Have a look what the booklet for
XYZ(57.4372, 45.7457, 31.7103)
contains.

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Color

**XYZ(57.4262, 45.6996,
31.7808)**

Conversions

Conversions Part 1

Format	Color
Hex	FF988F
RGB	255, 152, 143
RGB Percent	100%, 60%, 56%
CMY	0.0000, 0.4039, 0.4392
CMYK	0.00, 0.40, 0.44, 0.00
HSL	5°, 100%, 78%
HSV	5°, 44%, 100%
XYZ	57.4262, 45.6996, 31.7808
YIQ	181.7710, 64.2770, 19.0370

Conversions

Conversions Part 2

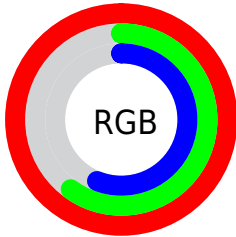
Format	Color
R_{YB}	255, 153, 143
Decimal	16750735
CIE _{Lab}	73.35, 37.57, 21.38
CIE _{LCh}	73, 43.225, 29.651
Yxy	45.6996, 0.4257, 0.3387
Android (android.graphics.Color)	4294940815 (0xFFFF988F)
YUV	181.7710, -19.1141, 64.2218
Hunter-Lab	67.6015, 33.3298, 19.4476

Details

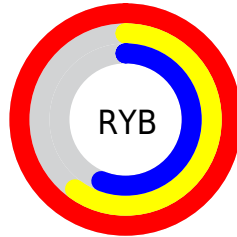
The XYZ color **57.4262, 45.6996, 31.7808** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.3319, 78.9678, 106.5648**, and the grayscale version is **44.4161, 46.7292, 50.8881**.

A 20% lighter version of the original color is **73.6309, 69.9169, 62.4379**, and **28.9433, 21.3161, 12.9449** is the 20% darker color. If you saturate the color by 10%, you get **52.2725, 38.1403, 21.5913**, and if you desaturate by 10%, it is **63.7736, 54.9438, 44.5350**.

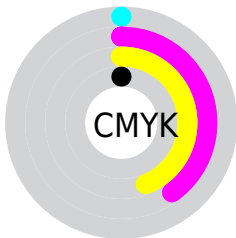
Distribution



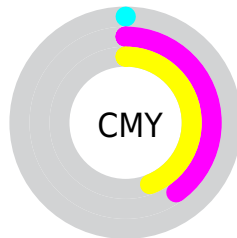
- Red (100%)
- Green (60%)
- Blue (56%)



- Red (100%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4262, 45.6996, 31.7808 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 57.4262, 45.6996, 31.7808 by changing the saturation by 10% instead.

 57.4262, 45.6996,
31.7808

 57.4262, 45.6996,
31.7808


405.0328,
369.5996, 324.5814

 41.5890, 32.0088,
20.9307


 100.2146, 83.7692,
63.5612

 28.9693, 21.3682,
12.8826

 127.8965,
108.9169, 85.3286

 19.2018, 13.3934,
7.2180


160.2573,
138.6523, 111.5721

 11.9210, 7.7000,
3.5183

197.6624,
173.3599, 142.7104

 6.7617, 3.9036,
1.3650

240.4771,
213.4240, 179.1619

 3.3585, 1.6198,
0.1142

289.0669,

 1.3461, 0.3709,

259.2291, 221.3452

0.0000

343.7970,
311.1595, 269.6789

■ 0.2173, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4262, 45.6996,
31.7808

■ 57.4262, 45.6996,
31.7808

■ 52.2725, 38.1403,
21.5913

■ 63.7736, 54.9438,
44.5350

■ 48.2344, 32.1578,
13.7903

■ 71.3795, 65.9587,
60.0088

■ 45.2298, 27.6424,
8.1837

■ 80.3081, 78.8326,
78.3478

■ 43.1638, 24.4673,
4.5456

■ 90.6181, 93.6457,
99.6865

■ 41.9238, 22.4839, 95.0500, 100.0000,
2.6011 108.9000

■ 41.4991, 21.7783,
2.0164

Harmonies

Analogous

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



59.7639, 45.6996, 50.0144



57.4262, 45.6996, 31.7808



51.2526, 45.6996, 21.6592

Triad

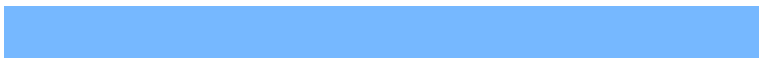
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4262, 45.6996, 31.7808



31.9980, 45.6996, 31.4545



43.3472, 45.6996, 104.4952

Complementary

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



57.4262, 45.6996, 31.7808



62.3319, 78.9678, 106.5648

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.



36.4577, 45.6996, 95.3636



57.4262, 45.6996, 31.7808



30.3912, 45.6996, 49.5046

Square

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



57.4262, 45.6996, 31.7808



36.5950, 45.6996, 21.5131



31.9254, 45.6996, 73.4903



51.0807, 45.6996, 95.7574

Rectangle

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



57.4262, 45.6996, 31.7808



46.1167, 45.6996, 18.8818



31.9254, 45.6996, 73.4903



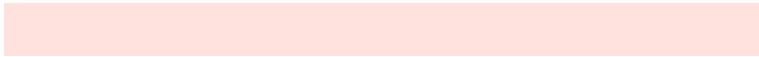
40.8615, 45.6996, 103.3830

Sweetspot

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



57.4274, 45.7019, 31.7817



81.1991, 80.1147, 80.1859



67.9336, 47.6537, 94.0455



16.9271, 16.4961, 16.2294



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.



57.4274, 45.7019, 31.7817



52.6994, 38.7692, 22.4272



68.3820, 67.6111, 35.4332



18.1267, 18.2216, 18.7061



21.7250, 11.4612, 1.0672



2.1538, 1.1929, 0.1167

Inverse Universe

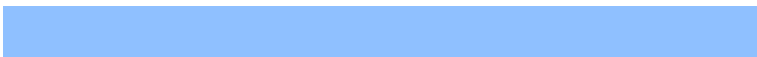
The Inverse Universe completely reimagines the original color for something new.



62.3319, 78.9678, 106.5648



58.1656, 75.9837, 106.2084



48.1254, 50.5547, 101.8293



18.4226, 20.2167, 23.1812



24.9317, 34.7731, 54.8324



2.4630, 3.4567, 5.3507

Previews

White Background



This preview shows how the XYZ color 57.4262, 45.6996, 31.7808 looks on a white background.

Color Contrast Check

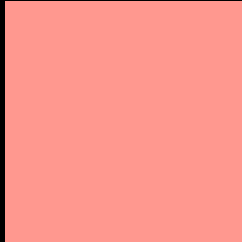
Large Text (above 18pt) WCAG AA × Fail

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 57.4262, 45.6996, 31.7808 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 57.4262, 45.6996, 31.7808

Background



This preview shows how black text looks on a background with the XYZ color 57.4262, 45.6996, 31.7808.



This preview shows how white text looks on a background with the XYZ color 57.4262, 45.6996,

31.7808.

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

57.4262, 45.6996, 31.7808

Protanopia

43.3933, 45.8957, 38.4700

Deuteranopia

46.7551, 45.7483, 30.7921



Tritanopia

58.5794, 45.6459, 39.4413

Trichromacy



Original Color

57.4262, 45.6996, 31.7808



Protanomaly

47.4828, 45.1626, 35.9204



Deuteranomaly

50.1837, 45.2977, 30.9093



Tritanomaly

58.1393, 45.7263, 36.3336

Monochromacy



Original Color

57.4262, 45.6996, 31.7808



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.9253, 45.5083, 43.3038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4262, 45.6996, 31.7808 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(255, 152, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 143)  
}
```

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(255, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.4262, 45.6996, 31.7808 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(255, 152, 143) }
```


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

```
.border{ border-color:rgb(255, 152, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4262, 45.6996, 31.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 143) }
```

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

```
.background{ background-color: rgb(255,  
152, 143) }
```

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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