

Converting Colors

XYZ(59.8414, 48.2972, 27.2760)

Have a look what the booklet for
XYZ(59.8414, 48.2972, 27.2760)
contains.

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Color

**XYZ(57.3262, 46.9856,
27.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D82
RGB	255, 157, 130
RGB Percent	100%, 62%, 51%
CMY	0.0000, 0.3843, 0.4902
CMYK	0.00, 0.38, 0.49, 0.00
HSL	13°, 100%, 75%
HSV	13°, 49%, 100%
XYZ	57.3262, 46.9856, 27.1668
YIQ	183.2240, 67.0750, 12.3790

Conversions

Conversions Part 2

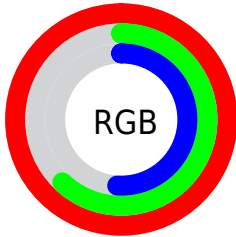
Format	Color
R _Y B	255, 164, 130
Decimal	16752002
CIE Lab	74.18, 33.74, 29.57
CIE LCh	74, 44.867, 41.236
Yxy	46.9856, 0.4360, 0.3574
Android (android.graphics.Color)	4294942082 (0xFFFF9D82)
YUV	183.2240, -26.2394, 62.9476
Hunter-Lab	68.5460, 29.3270, 24.4839

Details

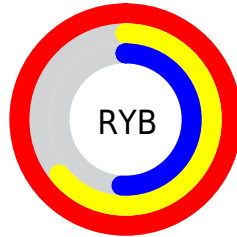
The XYZ color **57.3262, 46.9856, 27.1668** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.9978, 67.4494, 104.7278**, and the grayscale version is **45.2476, 47.6040, 51.8407**.

A 20% lighter version of the original color is **73.3307, 71.7659, 54.7870**, and **28.9040, 22.0819, 10.3282** is the 20% darker color. If you saturate the color by 10%, you get **52.7121, 40.1656, 18.2051**, and if you desaturate by 10%, it is **62.9201, 55.0867, 38.5481**.

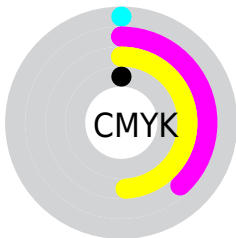
Distribution



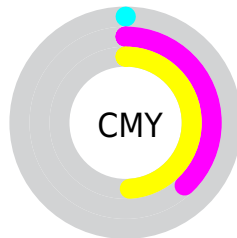
- Red (100%)
- Green (62%)
- Blue (51%)



- Red (100%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3262, 46.9856, 27.1668 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 57.3262, 46.9856, 27.1668 by changing the saturation by 10% instead.


 57.3262, 46.9856,
27.1668


 57.3262, 46.9856,
27.1668


404.6649,
374.7570, 302.2495


 41.5084, 33.0243,
17.4650

 100.0696, 85.6921,
56.1584

 28.9059, 22.1450,
10.4011


 127.7259,
111.2061, 76.2853

 19.1536, 13.9635,
5.5566

 160.0590,
141.3398, 100.7242

 11.8860, 8.0953,
2.5130

197.4344,
176.4775, 129.8939

 6.7377, 4.1560,
0.8470

240.2173,
217.0037, 164.2126

 3.3435, 1.7612,
0.0000

288.7731,

 1.3379, 0.4628,

263.3028, 204.0992

0.0000

343.4672,
315.7591, 249.9719

■ 0.2113, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3262, 46.9856,
27.1668

■ 57.3262, 46.9856,
27.1668

■ 52.7121, 40.1656,
18.2051

■ 62.9201, 55.0867,
38.5481

■ 49.0154, 34.5530,
11.4834

■ 69.5441, 64.5234,
52.5057

■ 46.1720, 30.0774,
6.8010

■ 77.2489, 75.3556,
69.1859

■ 44.1064, 26.6577,
3.9195

■ 86.0810, 87.6372,
88.7236

■ 42.7193, 24.1969,
2.4908

95.0499, 99.9999,
108.9000

■ 42.6104, 24.0011,
2.3868

Harmonies

Analogous

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



61.6083, 46.9856, 43.0058



57.3262, 46.9856, 27.1668



49.8198, 46.9856, 19.6389

Triad

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



57.3262, 46.9856, 27.1668



31.5580, 46.9856, 38.1945



47.7399, 46.9856, 108.0540

Complementary

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



57.3262, 46.9856, 27.1668



54.9978, 67.4494, 104.7278

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.



39.8664, 46.9856, 105.5954



57.3262, 46.9856, 27.1668



31.1429, 46.9856, 60.2833

Square

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



57.3262, 46.9856, 27.1668



35.2208, 46.9856, 24.5588



34.0095, 46.9856, 86.2577



55.6471, 46.9856, 92.2145

Rectangle

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



57.3262, 46.9856, 27.1668



44.3257, 46.9856, 18.4268



34.0095, 46.9856, 86.2577



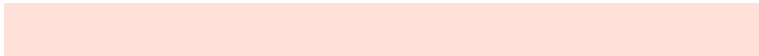
44.9928, 46.9856, 109.4404

Sweetspot

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



57.3274, 46.9880, 27.1677



80.6608, 80.1147, 76.6877



63.5056, 42.9387, 79.8038



16.8768, 16.6073, 15.5597



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.



57.3274, 46.9880, 27.1677



52.7201, 40.1775, 18.2200



70.2112, 72.7556, 31.4623



18.3274, 18.6231, 18.7730



22.3528, 12.7168, 1.2765



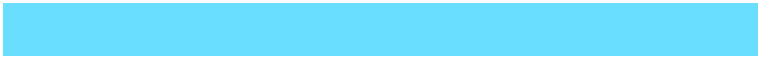
2.2521, 1.3896, 0.1495

Inverse Universe

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



54.9978, 67.4494, 104.7278



50.0761, 62.7023, 104.0712



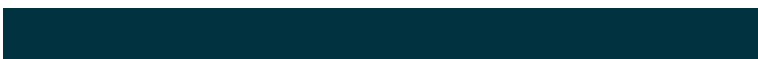
41.1667, 39.7872, 100.1174



18.2023, 19.7761, 23.1078



20.3268, 25.5632, 53.2974



2.0579, 2.6466, 5.2156

Previews

White Background



This preview shows how the XYZ color 57.3262, 46.9856, 27.1668 looks on a white background.

Color Contrast Check

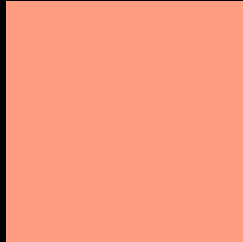
Large Text (above 18pt) WCAG AA × Fail

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 57.3262, 46.9856, 27.1668 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 57.3262, 46.9856, 27.1668

Background



This preview shows how black text looks on a background with the XYZ color 57.3262, 46.9856, 27.1668.



This preview shows how white text looks on a background with the XYZ color 57.3262, 46.9856,

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

57.3262, 46.9856, 27.1668

Protanopia

44.2469, 47.3922, 32.0148

Deuteranopia

48.0742, 47.0977, 26.6357



Tritanopia

59.4964, 47.0515, 41.0680

Trichromacy



Original Color

57.3262, 46.9856, 27.1668

Protanomaly

48.2667, 46.8300, 30.1621

Deuteranomaly

50.8539, 46.5527, 26.7274

Tritanomaly

58.6288, 46.9697, 35.6817

Monochromacy



Original Color

57.3262, 46.9856, 27.1668

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.1314, 46.5077, 41.5621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3262, 46.9856, 27.1668 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, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 130)  
}
```

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, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 130) }
```

Border

The CSS property to change the border of an element to XYZ 57.3262, 46.9856, 27.1668 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, 157, 130) }
```


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

```
.border{ border-color:rgb(255, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3262, 46.9856, 27.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 130) }
```

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

```
.background{ background-color: rgb(255,  
157, 130) }
```

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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