

Converting Colors

XYZ(56.3063, 46.6249, 27.0163)

Have a look what the booklet for
XYZ(56.3063, 46.6249, 27.0163)
contains.

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Color

**XYZ(56.4010, 46.7609,
27.1722)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9E82
RGB	252, 158, 130
RGB Percent	99%, 62%, 51%
CMY	0.0118, 0.3804, 0.4902
CMYK	0.00, 0.37, 0.48, 0.01
HSL	14°, 95%, 75%
HSV	14°, 48%, 99%
XYZ	56.4010, 46.7609, 27.1722
YIQ	182.9140, 65.0120, 11.2200

Conversions

Conversions Part 2

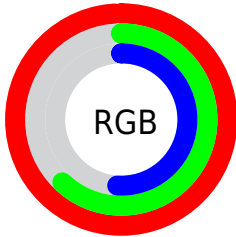
Format	Color
R _Y B	252, 166, 130
Decimal	16555650
CIE Lab	74.04, 32.08, 29.32
CIE LCh	74, 43.456, 42.428
Yxy	46.7609, 0.4327, 0.3588
Android (android.graphics.Color)	4294745730 (0xFFFC9E82)
YUV	182.9140, -26.0866, 60.5884
Hunter-Lab	68.3819, 27.5573, 24.3079

Details

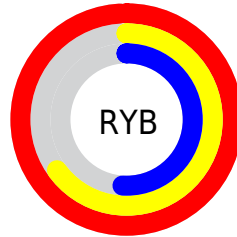
The XYZ color **56.4010, 46.7609, 27.1722** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.4308, 65.0822, 101.8411**, and the grayscale version is **45.0773, 47.4248, 51.6456**.

A 20% lighter version of the original color is **73.5815, 72.2674, 54.8706**, and **28.3402, 22.0937, 10.3602** is the 20% darker color. If you saturate the color by 10%, you get **51.8580, 40.0585, 18.3100**, and if you desaturate by 10%, it is **61.8837, 54.6800, 38.3918**.

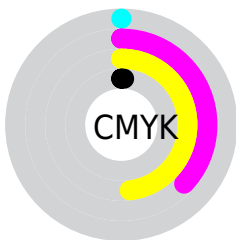
Distribution



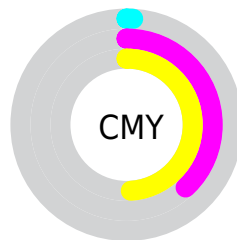
- Red (99%)
- Green (62%)
- Blue (51%)



- Red (99%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (1%)





- Cyan (1%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4010, 46.7609, 27.1722 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 56.4010, 46.7609, 27.1722 by changing the saturation by 10% instead.


 56.4010, 46.7609,
27.1722

 56.4010, 46.7609,
27.1722


401.2515,
373.8593, 302.2764


 40.7628, 32.8467,
17.4690


 98.7271, 85.3566,
56.1672

 28.3206, 22.0090,
10.4040


 126.1456,
110.8069, 76.2960

 18.7092, 13.8635,
5.5585


 158.2216,
140.8713, 100.7372

 11.5631, 8.0258,
2.5141

195.3205,
175.9343, 129.9092

 6.5170, 4.1115,
0.8476

237.8076,
216.3801, 164.2306

 3.2055, 1.7361,
0.0000

286.0482,

 1.2634, 0.4469,

262.5934, 204.1199

0.0000

340.4077,
314.9583, 249.9956

■ 0.1555, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4010, 46.7609,
27.1722

■ 56.4010, 46.7609,
27.1722

■ 51.8580, 40.0585,
18.3100

■ 61.8837, 54.6800,
38.3918

■ 48.1959, 34.5045,
11.6323

■ 68.3532, 63.8657,
52.1194

■ 45.3544, 30.0342,
6.9464

■ 75.8575, 74.3734,
68.4963

■ 43.2631, 26.5733,
4.0245

■ 84.4403, 86.2533,
87.6523

■ 41.8317, 24.0343,
2.5492

93.9547, 99.4354,
108.8487

■ 41.6502, 23.7062,
2.3806

Harmonies

Analogous

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



60.6775, 46.7609, 42.2556



56.4010, 46.7609, 27.1722



49.1063, 46.7609, 20.0622

Triad

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



56.4010, 46.7609, 27.1722



31.6768, 46.7609, 39.0660



47.7361, 46.7609, 105.1268

Complementary

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



56.4010, 46.7609, 27.1722



53.4308, 65.0822, 101.8411

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.



40.0881, 46.7609, 103.5246



56.4010, 46.7609, 27.1722



31.4009, 46.7609, 60.6825

Square

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



56.4010, 46.7609, 27.1722



35.1138, 46.7609, 25.4258



34.3103, 46.7609, 85.5537



55.2978, 46.7609, 89.4464

Rectangle

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



56.4010, 46.7609, 27.1722



43.8153, 46.7609, 19.0287



34.3103, 46.7609, 85.5537



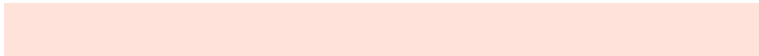
45.0804, 46.7609, 106.6970

Sweetspot

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



56.4022, 46.7632, 27.1731



80.8008, 80.3945, 76.7343



61.7956, 42.1282, 76.5147



16.9101, 16.6739, 15.5708



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.



56.4022, 46.7632, 27.1731



53.4316, 41.3886, 19.1102



69.0988, 72.1566, 31.4053



17.5679, 17.8716, 17.9860



21.7874, 12.5314, 1.2705



2.0945, 1.3139, 0.1432

Inverse Universe

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



53.4308, 65.0822, 101.8411



49.9947, 62.0905, 103.9574



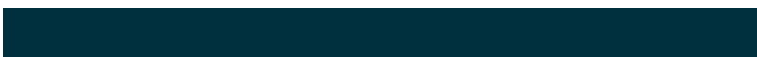
40.1540, 38.5287, 97.4156



17.4082, 18.8932, 22.1145



19.3367, 24.0290, 51.5925



1.8703, 2.3842, 4.8048

Previews

White Background



This preview shows how the XYZ color 56.4010, 46.7609, 27.1722 looks on a white background.

Color Contrast Check

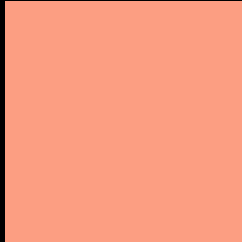
Large Text (above 18pt) WCAG AA × Fail

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 56.4010, 46.7609, 27.1722 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 56.4010, 46.7609, 27.1722

Background



This preview shows how black text looks on a background with the XYZ color 56.4010, 46.7609, 27.1722.



This preview shows how white text looks on a background with the XYZ color 56.4010, 46.7609,

27.1722.

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

56.4010, 46.7609, 27.1722

Protanopia

44.0413, 46.9811, 31.9463

Deuteranopia

48.0742, 47.0977, 26.6357



Tritanopia

59.4228, 46.7591, 41.4908

Trichromacy



Original Color

56.4010, 46.7609, 27.1722

Protanomaly

47.7778, 46.2922, 30.0840

Deuteranomaly

50.7174, 46.7574, 26.7741

Tritanomaly

58.2619, 46.7805, 35.6646

Monochromacy



Original Color

56.4010, 46.7609, 27.1722

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.8493, 46.3623, 41.5489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4010, 46.7609, 27.1722 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, 158, 130)` looks like.

```
.text, #text, p{  
    color:rgb(252, 158, 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(252, 158, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 158, 130) }
```

Border

The CSS property to change the border of an element to XYZ 56.4010, 46.7609, 27.1722 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, 158, 130) }
```


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

```
.border{ border-color:rgb(252, 158, 130) }
```

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

Here you see how a box with a 4 pixel rgb(252, 158, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 158, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 158, 130);  
box-shadow:4px 4px 4px 4px rgb(252, 158,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4010, 46.7609, 27.1722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 158, 130) }
```

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

```
.background{ background-color: rgb(252,  
158, 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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