

Converting Colors

XYZ(56.8314, 46.4884, 30.0578)

Have a look what the booklet for
XYZ(56.8314, 46.4884, 30.0578)
contains.

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Color

**XYZ(56.6208, 46.3074,
29.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9C8A
RGB	252, 156, 138
RGB Percent	99%, 61%, 54%
CMY	0.0118, 0.3882, 0.4588
CMYK	0.00, 0.38, 0.45, 0.01
HSL	9°, 95%, 76%
HSV	9°, 45%, 99%
XYZ	56.6208, 46.3074, 29.9987
YIQ	182.6520, 62.9940, 14.7540

Conversions

Conversions Part 2

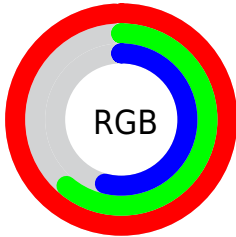
Format	Color
R _Y B	252, 159, 138
Decimal	16555146
CIE Lab	73.74, 33.88, 24.59
CIE LCh	74, 41.864, 35.974
Yxy	46.3074, 0.4260, 0.3484
Android (android.graphics.Color)	4294745226 (0xFFFC9C8A)
YUV	182.6520, -22.0134, 60.8182
Hunter-Lab	68.0495, 29.4347, 21.4975

Details

The XYZ color **56.6208, 46.3074, 29.9987** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.4731, 71.2738, 102.8233**, and the grayscale version is **44.9129, 47.2518, 51.4572**.

A 20% lighter version of the original color is **74.0487, 71.6543, 59.7970**, and **28.3499, 21.6115, 11.9098** is the 20% darker color. If you saturate the color by 10%, you get **51.7486, 39.1519, 20.3938**, and if you desaturate by 10%, it is **62.5407, 54.8809, 42.0417**.

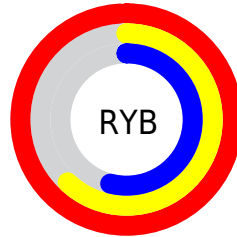
Distribution



Red (99%)

Green (61%)

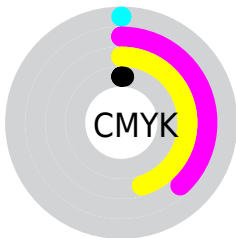
Blue (54%)



Red (99%)

Yellow (62%)

Blue (54%)

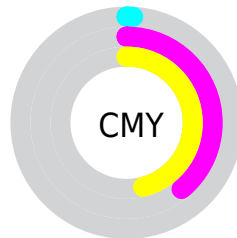


Cyan (0%)

Magenta (38%)

Yellow (45%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6208, 46.3074, 29.9987 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 56.6208, 46.3074, 29.9987 by changing the saturation by 10% instead.


 56.6208, 46.3074,
29.9987


 56.6208, 46.3074,
29.9987


402.0641,
372.0431, 316.1055

 40.9398, 32.4885,
19.5856


 99.0462, 84.6789,
60.7211

 28.4595, 21.7349,
11.9131


 126.5214,
110.0002, 81.8674

 18.8146, 13.6622,
6.5627


 158.6587,
139.9244, 107.4286

 11.6396, 7.8861,
3.1159

195.8234,
174.8360, 137.8231

 6.5692, 4.0222,
1.1541

238.3809,
215.1192, 173.4695

 3.2381, 1.6860,
0.0000

286.6967,

 1.2809, 0.4145,

261.1585, 214.7864

0.0000

341.1359,
313.3384, 262.1922

■ 0.1688, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6208, 46.3074,
29.9987

■ 56.6208, 46.3074,
29.9987

■ 51.7486, 39.1519,
20.3938

■ 62.5407, 54.8809,
42.0417

■ 47.8584, 33.3307,
13.0572

■ 69.5615, 64.9361,
56.6716

■ 44.8827, 28.7623,
7.8015

■ 77.7371, 76.5414,
74.0283

■ 42.7433, 25.3531,
4.4077

■ 87.1169, 89.7586,
94.2410

■ 41.3479, 22.9953,
2.6071

93.9548, 99.4354,
108.8487

■ 40.8969, 22.1997,
2.1295

Harmonies

Analogous

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



59.8108, 46.3074, 46.2800



56.6208, 46.3074, 29.9987



50.0920, 46.3074, 21.5174

Triad

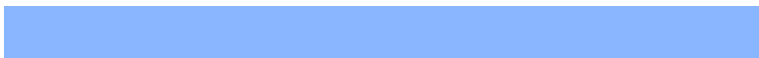
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6208, 46.3074, 29.9987



32.2095, 46.3074, 35.5264



45.5180, 46.3074, 103.0592

Complementary

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



56.6208, 46.3074, 29.9987



57.4731, 71.2738, 102.8233

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.



38.4483, 46.3074, 97.7989



56.6208, 46.3074, 29.9987



31.2763, 46.3074, 54.8017

Square

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



56.6208, 46.3074, 29.9987



36.1418, 46.3074, 24.0234



33.4325, 46.3074, 78.4848



52.9530, 46.3074, 91.3221

Rectangle

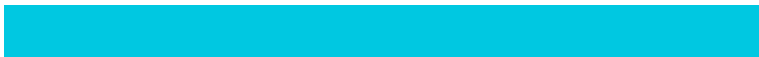
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.6208, 46.3074, 29.9987



45.0246, 46.3074, 19.6234



33.4325, 46.3074, 78.4848



43.0182, 46.3074, 103.2547

Sweetspot

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



56.6220, 46.3097, 29.9996



80.9744, 80.2076, 78.4389



64.2144, 44.8651, 83.7968



16.9147, 16.5779, 15.8964



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.



56.6220, 46.3097, 29.9996



53.7083, 41.0310, 22.0113



68.3009, 69.6675, 33.8925



17.4660, 17.6678, 17.9521



21.3713, 11.6992, 1.1318



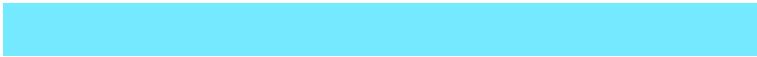
2.0417, 1.2083, 0.1256

Inverse Universe

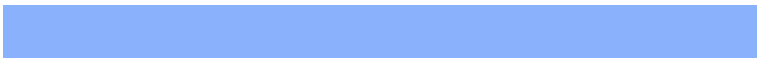
The Inverse Universe completely reimagines the original color for something new.



57.4731, 71.2738, 102.8233



54.6364, 69.4425, 105.1318



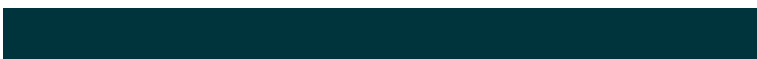
43.9527, 44.2329, 98.3165



17.5187, 19.1141, 22.1514



21.5329, 28.4213, 52.3245



2.0550, 2.7536, 4.8664

Previews

White Background



This preview shows how the XYZ color 56.6208, 46.3074, 29.9987 looks on a white background.

Color Contrast Check

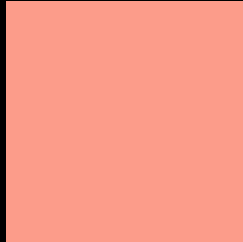
Large Text (above 18pt) WCAG AA × Fail

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 56.6208, 46.3074, 29.9987 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 56.6208, 46.3074, 29.9987

Background



This preview shows how black text looks on a background with the XYZ color 56.6208, 46.3074, 29.9987.



This preview shows how white text looks on a background with the XYZ color 56.6208, 46.3074,

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

56.6208, 46.3074, 29.9987

Protanopia

43.7671, 46.4562, 35.5143

Deuteranopia

47.5336, 46.4684, 29.3857



Tritanopia

58.8021, 46.2076, 40.9417

Trichromacy



Original Color

56.6208, 46.3074, 29.9987

Protanomaly

47.6724, 45.8765, 33.5366

Deuteranomaly

50.2576, 45.9090, 29.5050

Tritanomaly

57.8156, 46.0317, 36.8481

Monochromacy



Original Color

56.6208, 46.3074, 29.9987

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.9310, 46.0871, 42.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6208, 46.3074, 29.9987 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, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 138)  
}
```

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, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.6208, 46.3074, 29.9987 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, 156, 138) }
```


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

```
.border{ border-color:rgb(252, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6208, 46.3074, 29.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 138) }
```

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

```
.background{ background-color: rgb(252,  
156, 138) }
```

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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