

Converting Colors

XYZ(81.0208, 58.9972, 25.4361)

Have a look what the booklet for
XYZ(81.0208, 58.9972, 25.4361)
contains.

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Color

**XYZ(56.6413, 46.4421,
24.3912)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C7A
RGB	255, 156, 122
RGB Percent	100%, 61%, 48%
CMY	0.0000, 0.3882, 0.5216
CMYK	0.00, 0.39, 0.52, 0.00
HSL	15°, 100%, 74%
HSV	15°, 52%, 100%
XYZ	56.6413, 46.4421, 24.3912
YIQ	181.7250, 69.9180, 10.4140

Conversions

Conversions Part 2

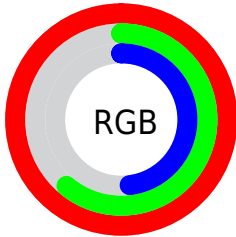
Format	Color
R _{YB}	255, 168, 122
Decimal	16751738
CIE Lab	73.83, 33.56, 33.42
CIE LCh	74, 47.356, 44.880
Yxy	46.4421, 0.4443, 0.3643
Android (android.graphics.Color)	4294941818 (0xFFFF9C7A)
YUV	181.7250, -29.4444, 64.2622
Hunter-Lab	68.1484, 29.0998, 26.4833

Details

The XYZ color **56.6413, 46.4421, 24.3912** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.9309, 63.0671, 104.0434**, and the grayscale version is **44.4434, 46.7579, 50.9194**.

A 20% lighter version of the original color is **72.2721, 70.9437, 50.4418**, and **28.6586, 21.9838, 9.0361** is the 20% darker color. If you saturate the color by 10%, you get **52.3238, 40.0128, 16.1532**, and if you desaturate by 10%, it is **61.8732, 54.0372, 34.9796**.

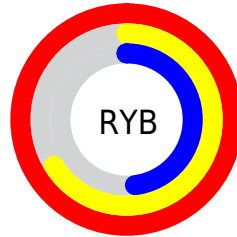
Distribution



Red (100%)

Green (61%)

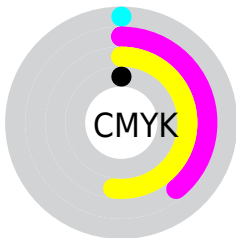
Blue (48%)



Red (100%)

Yellow (66%)

Blue (48%)

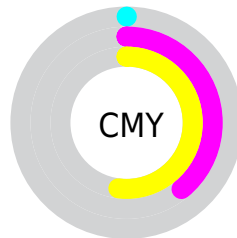


Cyan (0%)

Magenta (39%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6413, 46.4421, 24.3912 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 56.6413, 46.4421, 24.3912 by changing the saturation by 10% instead.


 56.6413, 46.4421,
24.3912


 56.6413, 46.4421,
24.3912


402.1398,
372.5832, 288.1423


 40.9563, 32.5948,
15.4092

 99.0760, 84.8803,
51.6196

 28.4725, 21.8162,
8.9573


 126.5564,
110.2399, 70.7032

 18.8244, 13.7219,
4.6169


 158.6994,
140.2059, 93.9909

 11.6467, 7.9275,
1.9695

195.8703,
175.1624, 121.9015

 6.5741, 4.0486,
0.5364

238.4344,
215.4941, 154.8533

 3.2411, 1.7008,
0.0000

286.7571,

 1.2825, 0.4242,

261.5851, 193.2651

0.0000

341.2038,
313.8201, 237.5552

■ 0.1701, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6413, 46.4421,
24.3912

■ 56.6413, 46.4421,
24.3912

■ 52.3238, 40.0128,
16.1532

■ 61.8732, 54.0372,
34.9796

■ 48.8612, 34.6829,
10.0807

■ 68.0672, 62.8460,
48.0787

■ 46.1914, 30.3897,
5.9648

■ 75.2717, 72.9222,
63.8378

■ 44.2412, 27.0606,
3.5533

■ 83.5306, 84.3139,
82.3935

■ 43.1416, 25.0635,
2.5639

■ 92.8851, 97.0670,
103.8731

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



61.7178, 46.4421, 39.5668



56.6413, 46.4421, 24.3912



48.5025, 46.4421, 17.7059

Triad

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



56.6413, 46.4421, 24.3912



30.2798, 46.4421, 39.4082



48.4330, 46.4421, 109.9481

Complementary

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



56.6413, 46.4421, 24.3912



51.9309, 63.0671, 104.0434

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.



40.0507, 46.4421, 109.8640



56.6413, 46.4421, 24.3912



30.2662, 46.4421, 63.4389

Square

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



56.6413, 46.4421, 24.3912



33.6713, 46.4421, 24.3071



33.6314, 46.4421, 90.8670



56.5849, 46.4421, 91.0695

Rectangle

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



56.6413, 46.4421, 24.3912



42.7782, 46.4421, 17.0014



33.6314, 46.4421, 90.8670



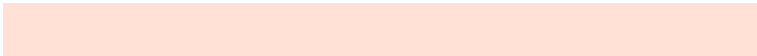
45.5341, 46.4421, 112.2931

Sweetspot

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



56.6424, 46.4445, 24.3921



80.2290, 79.7770, 74.9223



61.3508, 40.4398, 73.5038



16.8079, 16.5729, 15.2175



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.



56.6424, 46.4445, 24.3921



51.9997, 39.5216, 15.5599



70.8077, 74.7749, 29.1138



18.3868, 18.7418, 18.7928



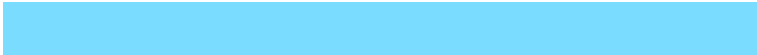
22.6429, 13.2971, 1.3732



2.2879, 1.4612, 0.1614

Inverse Universe

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



51.9309, 63.0671, 104.0434



46.7294, 57.6728, 103.2768



37.8393, 34.8839, 99.3462



18.1386, 19.6488, 23.0865



19.1566, 23.2229, 52.9074



1.9529, 2.4365, 5.1806

Previews

White Background



This preview shows how the XYZ color 56.6413, 46.4421, 24.3912 looks on a white background.

Color Contrast Check

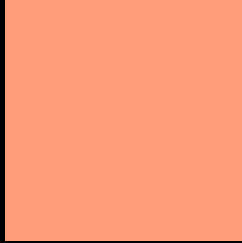
Large Text (above 18pt) WCAG AA × Fail

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 56.6413, 46.4421, 24.3912 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 56.6413, 46.4421, 24.3912

Background



This preview shows how black text looks on a background with the XYZ color 56.6413, 46.4421, 24.3912.



This preview shows how white text looks on a background with the XYZ color 56.6413, 46.4421,

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

56.6413, 46.4421, 24.3912

Protanopia

43.4673, 46.7515, 28.9233

Deuteranopia

47.6792, 46.6641, 23.9469



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

56.6413, 46.4421, 24.3912

Protanomaly

47.5213, 46.2238, 27.1863

Deuteranomaly

50.4876, 46.1493, 24.0160

Tritanomaly

57.9765, 46.1806, 33.8750

Monochromacy



Original Color

56.6413, 46.4421, 24.3912

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.5832, 45.9805, 39.6249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6413, 46.4421, 24.3912 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, 156, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 122)  
}
```

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, 156, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 122) }
```

Border

The CSS property to change the border of an element to XYZ 56.6413, 46.4421, 24.3912 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, 156, 122) }
```


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

```
.border{ border-color:rgb(255, 156, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6413, 46.4421, 24.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 122) }
```

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

```
.background{ background-color: rgb(255,  
156, 122) }
```

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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