

Converting Colors

XYZ(56.7190, 47.8738, 25.7202)

Have a look what the booklet for
XYZ(56.7190, 47.8738, 25.7202)
contains.

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Color

**XYZ(56.7669, 48.0168,
25.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA27D
RGB	252, 162, 125
RGB Percent	99%, 64%, 49%
CMY	0.0118, 0.3647, 0.5098
CMYK	0.00, 0.36, 0.50, 0.01
HSL	17°, 95%, 74%
HSV	17°, 50%, 99%
XYZ	56.7669, 48.0168, 25.6783
YIQ	184.6920, 65.5170, 7.5730

Conversions

Conversions Part 2

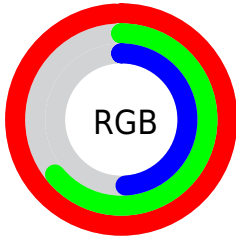
Format	Color
R _Y B	252, 177, 125
Decimal	16556669
CIE Lab	74.84, 29.54, 33.05
CIE LCh	75, 44.324, 48.208
Yxy	48.0168, 0.4351, 0.3681
Android (android.graphics.Color)	4294746749 (0xFFFC A27D)
YUV	184.6920, -29.4282, 59.0291
Hunter-Lab	69.2942, 24.9653, 26.5348

Details

The XYZ color **56.7669, 48.0168, 25.6783** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.3273, 59.9863, 101.0211**, and the grayscale version is **46.0769, 48.4765, 52.7909**.

A 20% lighter version of the original color is **74.0887, 74.1001, 52.5173**, and **28.5842, 22.8663, 9.5637** is the 20% darker color. If you saturate the color by 10%, you get **52.4314, 41.6036, 17.2732**, and if you desaturate by 10%, it is **61.9598, 55.4915, 36.3846**.

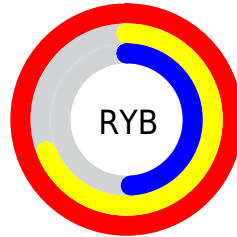
Distribution



Red (99%)

Green (64%)

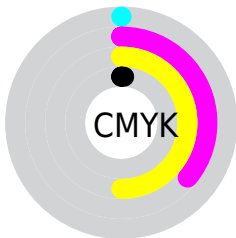
Blue (49%)



Red (99%)

Yellow (69%)

Blue (49%)

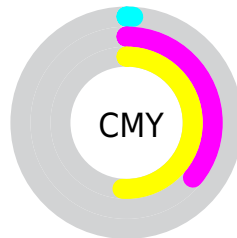


Cyan (0%)

Magenta (36%)

Yellow (50%)

Black (1%)



Cyan (1%)


Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7669, 48.0168, 25.6783 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 56.7669, 48.0168, 25.6783 by changing the saturation by 10% instead.


 56.7669, 48.0168,
25.6783

 56.7669, 48.0168,
25.6783


402.6036,
378.8587, 294.7543

 41.0575, 33.8402,
16.3595


 99.2583, 87.2294,
53.7332

 28.5519, 22.7709,
9.6218


 126.7711,
113.0342, 73.3064

 18.8847, 14.4244,
5.0466

 158.9490,
143.4839, 97.1349

 11.6905, 8.4164,
2.2154

196.1574,
178.9628, 125.6371

 6.6040, 4.3626,
0.6833

238.7618,
219.8553, 159.2316

 3.2598, 1.8784,
0.0000

287.1273,

 1.2926, 0.5353,

266.5459, 198.3369

0.0000

341.6195,
319.4189, 243.3717

■ 0.1777, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7669, 48.0168,
25.6783

■ 56.7669, 48.0168,
25.6783

■ 52.4314, 41.6036,
17.2732

■ 61.9598, 55.4915,
36.3846

■ 48.8995, 36.1947,
10.9943

■ 68.0525, 64.0671,
49.5440

■ 46.1163, 31.7378,
6.6458

■ 75.0885, 73.7895,
65.2981

■ 44.0169, 28.1725,
3.9931

■ 83.1073, 84.7000,
83.7773

■ 42.5556, 25.5170,
2.6824

■ 92.1461, 96.8376,
105.1029

■ 93.9547, 99.4354,
108.8487

Harmonies

Analogous

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



62.0024, 48.0168, 39.6018



56.7669, 48.0168, 25.6783



48.8798, 48.0168, 19.7554

Triad

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



56.7669, 48.0168, 25.6783



32.0851, 48.0168, 43.7253



50.6552, 48.0168, 106.8024

Complementary

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



56.7669, 48.0168, 25.6783



50.3273, 59.9863, 101.0211

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.



42.5438, 48.0168, 108.8862



56.7669, 48.0168, 25.6783



32.4414, 48.0168, 67.4158

Square

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



56.7669, 48.0168, 25.6783



35.0302, 48.0168, 27.9281



36.0688, 48.0168, 92.8533



58.1976, 48.0168, 87.7954

Rectangle

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



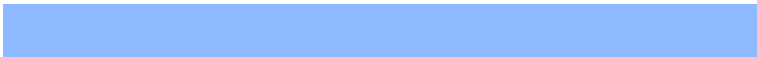
56.7669, 48.0168, 25.6783



43.4611, 48.0168, 19.5045



36.0688, 48.0168, 92.8533



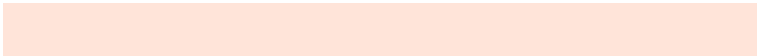
47.8874, 48.0168, 109.6742

Sweetspot

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



56.7681, 48.0192, 25.6792



81.4465, 81.6861, 76.9496



59.8754, 40.3218, 69.6043



17.0642, 16.9819, 15.6221



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.



56.7681, 48.0192, 25.6792



54.0071, 42.9570, 18.0154



70.6323, 75.7476, 30.3006



17.6566, 18.0491, 18.0156



22.2774, 13.5114, 1.4338



2.1504, 1.4257, 0.1618

Inverse Universe

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



50.3273, 59.9863, 101.0211



46.6794, 56.3447, 103.0231



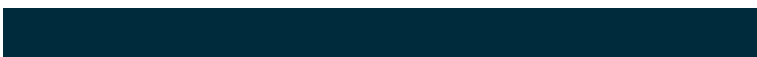
37.3408, 34.0133, 96.6923



17.3136, 18.7041, 22.0830



17.6386, 20.6328, 51.0264



1.7250, 2.0937, 4.7564

Previews

White Background



This preview shows how the XYZ color 56.7669, 48.0168, 25.6783 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 56.7669, 48.0168, 25.6783 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 56.7669, 48.0168, 25.6783

Background



This preview shows how black text looks on a background with the XYZ color 56.7669, 48.0168, 25.6783.



This preview shows how white text looks on a background with the XYZ color 56.7669, 48.0168,

25.6783.

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

56.7669, 48.0168, 25.6783

Protanopia

44.7323, 48.0080, 29.4631

Deuteranopia

49.3592, 48.3790, 25.1489



Tritanopia

60.1964, 47.8641, 43.1118

Trichromacy



Original Color

56.7669, 48.0168, 25.6783

Protanomaly

48.5355, 47.5948, 28.1013

Deuteranomaly

51.9319, 48.2587, 25.3167

Tritanomaly

58.7674, 47.7915, 35.8331

Monochromacy



Original Color

56.7669, 48.0168, 25.6783

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.6275, 47.6439, 41.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7669, 48.0168, 25.6783 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, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(252, 162, 125)  
}
```

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, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 162, 125) }
```

Border

The CSS property to change the border of an element to XYZ 56.7669, 48.0168, 25.6783 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, 162, 125) }
```


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

```
.border{ border-color:rgb(252, 162, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 162, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(252, 162,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7669, 48.0168, 25.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 162, 125) }
```

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

```
.background{ background-color: rgb(252,  
162, 125) }
```

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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