

Converting Colors

XYZ(56.0584, 47.7124, 29.1078)

Have a look what the booklet for
XYZ(56.0584, 47.7124, 29.1078)
contains.

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Color

**XYZ(56.1818, 47.9001,
29.2062)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A387
RGB	248, 163, 135
RGB Percent	97%, 64%, 53%
CMY	0.0275, 0.3608, 0.4706
CMYK	0.00, 0.34, 0.46, 0.03
HSL	15°, 89%, 75%
HSV	15°, 46%, 97%
XYZ	56.1818, 47.9001, 29.2062
YIQ	185.2230, 59.6480, 9.3120

Conversions

Conversions Part 2

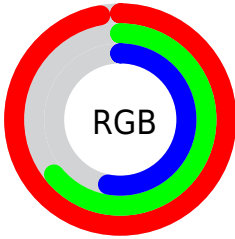
Format	Color
R _Y B	248, 172, 135
Decimal	16294791
CIE Lab	74.76, 28.40, 27.50
CIE LCh	75, 39.537, 44.075
Yxy	47.9001, 0.4215, 0.3594
Android (android.graphics.Color)	4294484871 (0xFFFF8A387)
YUV	185.2230, -24.7599, 55.0554
Hunter-Lab	69.2099, 23.7818, 23.4269

Details

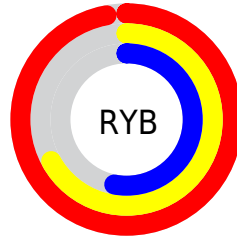
The XYZ color **56.1818, 47.9001, 29.2062** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.5270, 63.1120, 98.2202**, and the grayscale version is **46.3496, 48.7634, 53.1034**.

A 20% lighter version of the original color is **75.3885, 75.0336, 58.0865**, and **28.3104, 22.8436, 11.5115** is the 20% darker color. If you saturate the color by 10%, you get **51.5636, 41.1402, 20.0326**, and if you desaturate by 10%, it is **61.6976, 55.8044, 40.6862**.

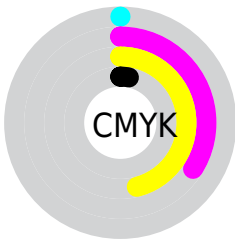
Distribution



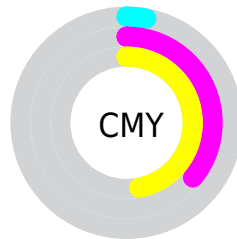
- Red (97%)
- Green (64%)
- Blue (53%)



- Red (97%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1818, 47.9001, 29.2062 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 56.1818, 47.9001, 29.2062 by changing the saturation by 10% instead.


 56.1818, 47.9001,
29.2062

 56.1818, 47.9001,
29.2062


400.4402,
378.3960, 312.2779


 40.5863, 33.7478,
18.9899


 98.4086, 87.0556,
59.4506

 28.1822, 22.6999,
11.4863


 125.7706,
112.8277, 80.3159

 18.6042, 14.3721,
6.2766


 157.7855,
143.2417, 105.5679

 11.4869, 8.3799,
2.9425

194.8185,
178.6821, 135.6252

 6.4651, 4.3390,
1.0654

237.2352,
219.5334, 170.9063

 3.1732, 1.8649,
0.0000

285.4008,

 1.2460, 0.5272,

266.1799, 211.8297

0.0000

339.6807,
319.0059, 258.8141

■ 0.1422, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1818, 47.9001,
29.2062

■ 56.1818, 47.9001,
29.2062

■ 51.5636, 41.1402,
20.0326

■ 61.6976, 55.8044,
40.6862

■ 47.7895, 35.4636,
13.0046

■ 68.1533, 64.8965,
54.6128

■ 44.8054, 30.8140,
7.9450

■ 75.5928, 75.2259,
71.1184

■ 42.5488, 27.1266,
4.6466

■ 84.0560, 86.8372,
90.3247

■ 40.9456, 24.3283,
2.8544

■ 92.5214, 98.6964,
108.7817

■ 40.4050, 23.3436,
2.3762

Harmonies

Analogous

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



60.2720, 47.9001, 43.1196



56.1818, 47.9001, 29.2062



49.4209, 47.9001, 22.6283

Triad

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



56.1818, 47.9001, 29.2062



33.5021, 47.9001, 42.0431



48.9677, 47.9001, 100.6652

Complementary

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



56.1818, 47.9001, 29.2062



52.5270, 63.1120, 98.2202

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.



41.8444, 47.9001, 100.1541



56.1818, 47.9001, 29.2062



33.4082, 47.9001, 62.3720

Square

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



56.1818, 47.9001, 29.2062



36.5851, 47.9001, 28.5975



36.3134, 47.9001, 84.7696



55.8201, 47.9001, 86.0230

Rectangle

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



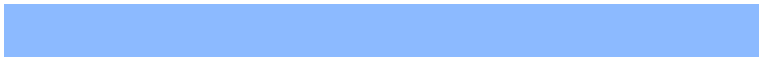
56.1818, 47.9001, 29.2062



44.5537, 47.9001, 21.8258



36.3134, 47.9001, 84.7696



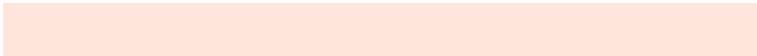
46.5156, 47.9001, 102.3595

Sweetspot

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



56.1830, 47.9025, 29.2071



81.8498, 81.9584, 78.7307



60.5113, 42.5391, 73.8716



17.1254, 16.9994, 15.9666



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.



56.1830, 47.9025, 29.2071



55.1483, 44.1484, 21.7592



68.1216, 71.7796, 33.1866



17.5940, 17.9239, 17.9948



21.9191, 12.7949, 1.3144



2.1100, 1.3449, 0.1484

Inverse Universe

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



52.5270, 63.1120, 98.2202



50.7439, 62.1609, 103.9315



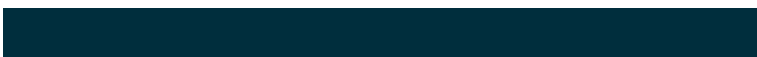
40.4145, 38.8871, 94.1827



17.3801, 18.8371, 22.1052



18.8158, 22.9872, 51.4188



1.8260, 2.2956, 4.7900

Previews

White Background



This preview shows how the XYZ color 56.1818, 47.9001, 29.2062 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 56.1818, 47.9001, 29.2062 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 56.1818, 47.9001, 29.2062

Background



This preview shows how black text looks on a background with the XYZ color 56.1818, 47.9001, 29.2062.



This preview shows how white text looks on a background with the XYZ color 56.1818, 47.9001,

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

56.1818, 47.9001, 29.2062

Protanopia

44.9395, 48.0304, 33.2878

Deuteranopia

49.1004, 48.1703, 28.5397



Tritanopia

59.2662, 47.8652, 44.1455

Trichromacy



Original Color

56.1818, 47.9001, 29.2062

Protanomaly

48.3574, 47.4208, 31.8037

Deuteranomaly

51.6193, 48.0215, 28.7387

Tritanomaly

58.0810, 47.8999, 38.0827

Monochromacy



Original Color

56.1818, 47.9001, 29.2062

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.7096, 47.6442, 43.1882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1818, 47.9001, 29.2062 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(248, 163, 135)` looks like.

```
.text, #text, p{  
    color:rgb(248, 163, 135)  
}
```

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(248, 163, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 163, 135) }
```

Border

The CSS property to change the border of an element to XYZ 56.1818, 47.9001, 29.2062 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(248, 163, 135) }
```


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

```
.border{ border-color:rgb(248, 163, 135) }
```

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

Here you see how a box with a 4 pixel rgb(248, 163, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 163, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 163, 135);  
box-shadow:4px 4px 4px 4px rgb(248, 163,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1818, 47.9001, 29.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 163, 135) }
```

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

```
.background{ background-color: rgb(248,  
163, 135) }
```

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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