

Converting Colors

XYZ(56.0782, 46.8160, 27.4427)

Have a look what the booklet for
XYZ(56.0782, 46.8160, 27.4427)
contains.

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Color

**XYZ(56.2785, 46.9442,
27.5677)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9F83
RGB	251, 159, 131
RGB Percent	98%, 62%, 51%
CMY	0.0157, 0.3764, 0.4863
CMYK	0.00, 0.37, 0.48, 0.02
HSL	14°, 94%, 75%
HSV	14°, 48%, 98%
XYZ	56.2785, 46.9442, 27.5677
YIQ	183.3160, 63.8200, 10.7960

Conversions

Conversions Part 2

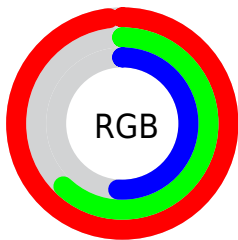
Format	Color
R_{YB}	251, 168, 131
Decimal	16490371
CIE _{Lab}	74.15, 31.27, 28.91
CIE _{LCh}	74, 42.585, 42.762
Yxy	46.9442, 0.4303, 0.3589
Android (android.graphics.Color)	4294680451 (0xFFFB9F83)
YUV	183.3160, -25.7918, 59.3589
Hunter-Lab	68.5158, 26.7161, 24.1054

Details

The XYZ color **56.2785, 46.9442, 27.5677** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.1589, 64.5626, 100.9265**, and the grayscale version is **45.2971, 47.6560, 51.8974**.

A 20% lighter version of the original color is **73.9383, 72.8138, 55.5049**, and **28.2288, 22.1858, 10.5791** is the 20% darker color. If you saturate the color by 10%, you get **51.7237, 40.2352, 18.6489**, and if you desaturate by 10%, it is **61.7628, 54.8529, 38.8300**.

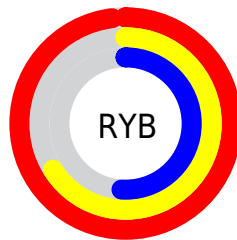
Distribution



Red (98%)

Green (62%)

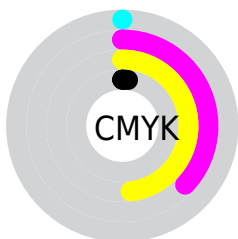
Blue (51%)



Red (98%)

Yellow (66%)

Blue (51%)

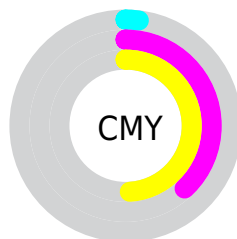


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2785, 46.9442, 27.5677 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 56.2785, 46.9442, 27.5677 by changing the saturation by 10% instead.


 56.2785, 46.9442,
27.5677

 56.2785, 46.9442,
27.5677


400.7982,
374.5918, 304.2421


 40.6641, 32.9915,
17.7638


 98.5491, 85.6303,
56.8083

 28.2433, 22.1200,
10.6129


 125.9361,
111.1326, 77.0821

 18.6505, 13.9451,
5.6963


 157.9779,
141.2535, 101.6829

 11.5205, 8.0825,
2.5955

195.0400,
176.3775, 131.0294

 6.4879, 4.1478,
0.8901

237.4878,
216.8889, 165.5400

 3.1874, 1.7566,
0.0000

285.6865,

 1.2536, 0.4599,

263.1721, 205.6333

0.0000

340.0015,
315.6116, 251.7278

■ 0.1481, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2785, 46.9442,
27.5677

■ 56.2785, 46.9442,
27.5677

■ 51.7237, 40.2352,
18.6489

■ 61.7628, 54.8529,
38.8300

■ 48.0408, 34.6593,
11.9035

■ 68.2226, 64.0095,
52.5838

■ 45.1710, 30.1537,
7.1427

■ 75.7049, 74.4683,
68.9684

■ 43.0458, 26.6464,
4.1435

■ 84.2524, 86.2780,
88.1116

■ 41.5799, 24.0537,
2.6093

■ 93.5935, 99.2491,
108.8318

■ 41.3259, 23.5940,
2.3760

Harmonies

Analogous

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



60.5092, 46.9442, 42.3846



56.2785, 46.9442, 27.5677



49.1089, 46.9442, 20.5737

Triad

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



56.2785, 46.9442, 27.5677



32.0242, 46.9442, 39.6479



47.9384, 46.9442, 104.0102

Complementary

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



56.2785, 46.9442, 27.5677



53.1589, 64.5626, 100.9265

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.



40.4116, 46.9442, 102.6523



56.2785, 46.9442, 27.5677



31.7871, 46.9442, 60.9671

Square

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



56.2785, 46.9442, 27.5677



35.3822, 46.9442, 26.0586



34.6926, 46.9442, 85.2719



55.3379, 46.9442, 88.5778

Rectangle

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



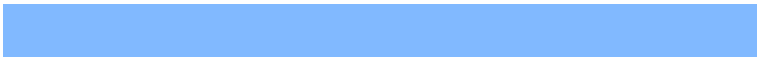
56.2785, 46.9442, 27.5677



43.9160, 46.9442, 19.5877



34.6926, 46.9442, 85.2719



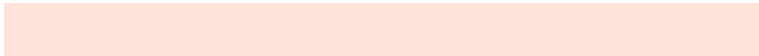
45.3295, 46.9442, 105.6064

Sweetspot

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



56.2797, 46.9465, 27.5686



81.7079, 81.6747, 78.6834



61.2193, 42.0699, 74.7057



17.0912, 16.9310, 15.9552



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.



56.2797, 46.9465, 27.5686



53.9440, 42.1953, 19.9535



69.2119, 72.8110, 31.8793



17.5733, 17.8825, 17.9879



21.8141, 12.5848, 1.2794



2.0977, 1.3202, 0.1443

Inverse Universe

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



53.1589, 64.5626, 100.9265



50.3140, 62.2666, 103.9746



39.8702, 37.9852, 96.4969



17.4023, 18.8814, 22.1126



19.2264, 23.8084, 51.5557



1.8609, 2.3655, 4.8017

Previews

White Background



This preview shows how the XYZ color 56.2785, 46.9442, 27.5677 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 56.2785, 46.9442, 27.5677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

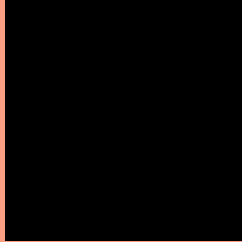
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2785, 46.9442, 27.5677

Background



This preview shows how black text looks on a background with the XYZ color 56.2785, 46.9442, 27.5677.



This preview shows how white text looks on a background with the XYZ color 56.2785, 46.9442,

27.5677.

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

56.2785, 46.9442, 27.5677

Protanopia

44.0413, 46.9811, 31.9463

Deuteranopia

48.1397, 47.1239, 26.9807



Tritanopia

59.3116, 46.9352, 42.0097

Trichromacy



Original Color

56.2785, 46.9442, 27.5677

Protanomaly

47.6757, 46.5253, 30.1344

Deuteranomaly

50.7835, 46.7839, 27.1225

Tritanomaly

58.1462, 46.9595, 36.1364

Monochromacy



Original Color

56.2785, 46.9442, 27.5677

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 56.2785, 46.9442, 27.5677 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(251, 159, 131)` looks like.

```
.text, #text, p{  
    color:rgb(251, 159, 131)  
}
```

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(251, 159, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 159, 131) }
```

Border

The CSS property to change the border of an element to XYZ 56.2785, 46.9442, 27.5677 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(251, 159, 131) }
```


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

```
.border{ border-color:rgb(251, 159, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 159, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 159, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 159, 131);  
box-shadow:4px 4px 4px 4px rgb(251, 159,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2785, 46.9442, 27.5677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 159, 131) }
```

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

```
.background{ background-color: rgb(251,  
159, 131) }
```

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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