

Converting Colors

XYZ(55.9680, 43.7611, 28.2801)

Have a look what the booklet for
XYZ(55.9680, 43.7611, 28.2801)
contains.

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Color

**XYZ(56.0469, 43.8767,
28.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9387
RGB	255, 147, 135
RGB Percent	100%, 58%, 53%
CMY	0.0000, 0.4235, 0.4706
CMYK	0.00, 0.42, 0.47, 0.00
HSL	6°, 100%, 76%
HSV	6°, 47%, 100%
XYZ	56.0469, 43.8767, 28.4367
YIQ	177.9240, 68.2200, 19.1640

Conversions

Conversions Part 2

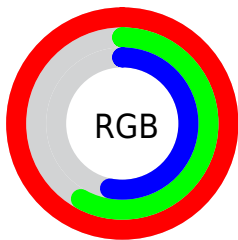
Format	Color
R _Y B	255, 148, 135
Decimal	16749447
CIE Lab	72.15, 39.34, 24.14
CIE LCh	72, 46.157, 31.527
Yxy	43.8767, 0.4366, 0.3418
Android (android.graphics.Color)	4294939527 (0xFFFF9387)
YUV	177.9240, -21.1615, 67.5957
Hunter-Lab	66.2395, 35.1142, 20.9144

Details

The XYZ color **56.0469, 43.8767, 28.4367** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.0905, 76.4684, 106.2003**, and the grayscale version is **42.3610, 44.5670, 48.5335**.

A 20% lighter version of the original color is **71.4376, 67.1319, 56.7695**, and **28.1481, 20.2634, 11.0220** is the 20% darker color. If you saturate the color by 10%, you get **51.2423, 36.8049, 19.0131**, and if you desaturate by 10%, it is **61.9955, 52.5485, 40.3634**.

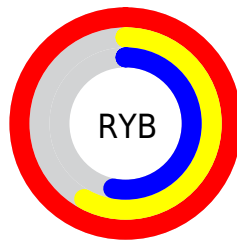
Distribution



Red (100%)

Green (58%)

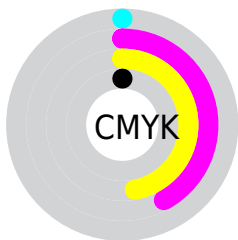
Blue (53%)



Red (100%)

Yellow (58%)

Blue (53%)

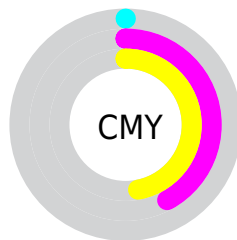


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0469, 43.8767, 28.4367 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 56.0469, 43.8767, 28.4367 by changing the saturation by 10% instead.


 56.0469, 43.8767,
28.4367


 56.0469, 43.8767,
28.4367


399.9404,
362.2049, 308.5251


 40.4777, 30.5736,
18.4132

 98.2126, 81.0322,
58.2124

 28.0970, 20.2744,
11.0746


 125.5397,
105.6533, 78.8016

 18.5397, 12.5946,
6.0022


 157.5169,
134.8159, 103.7499

 11.4401, 7.1500,
2.7776

194.5094,
168.9044, 133.4757

 6.4332, 3.5561,
0.9822

236.8827,
208.3032, 168.3976

 3.1534, 1.4285,
0.0000

285.0020,

 1.2354, 0.2376,

253.3966, 208.9341

0.0000

339.2328,
304.5690, 255.5037

■ 0.1340, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0469, 43.8767,
28.4367

■ 56.0469, 43.8767,
28.4367

■ 51.2423, 36.8049,
19.0131

■ 61.9955, 52.5485,
40.3634

■ 47.5045, 31.2288,
11.9117

■ 69.1518, 62.9029,
54.9518

■ 44.7523, 27.0423,
6.9311

■ 77.5790, 75.0248,
72.3503

■ 42.8907, 24.1224,
3.8344

■ 87.3346, 88.9915,
92.6956

■ 41.8047, 22.3237, 95.0499, 100.0000,
2.3210 108.9000

■ 41.5986, 21.9774,
2.0496

Harmonies

Analogous

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



58.8168, 43.8767, 46.6240



56.0469, 43.8767, 28.4367



49.3774, 43.8767, 18.8172

Triad

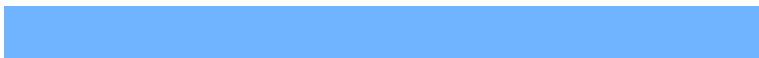
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.0469, 43.8767, 28.4367



29.7190, 43.8767, 29.8818



42.1097, 43.8767, 105.8350

Complementary

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



56.0469, 43.8767, 28.4367



60.0905, 76.4684, 106.2003

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.



34.8690, 43.8767, 97.1619



56.0469, 43.8767, 28.4367



28.2804, 43.8767, 48.9433

Square

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



56.0469, 43.8767, 28.4367



34.2502, 43.8767, 19.4472



30.0432, 43.8767, 74.3410



50.1664, 43.8767, 95.3123

Rectangle

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



56.0469, 43.8767, 28.4367



43.9834, 43.8767, 16.3589



30.0432, 43.8767, 74.3410



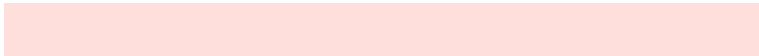
39.5038, 43.8767, 105.0557

Sweetspot

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



56.0480, 43.8789, 28.4375



80.4192, 79.0972, 78.2538



66.0817, 45.0593, 90.0084



16.7814, 16.3113, 15.8519



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.



56.0480, 43.8789, 28.4375



51.6991, 37.4810, 19.8974



67.9261, 67.6351, 32.3969



18.1555, 18.2793, 18.7157



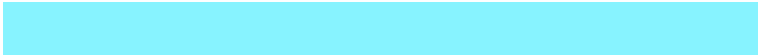
21.7840, 11.5791, 1.0869



2.1674, 1.2201, 0.1213

Inverse Universe

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



60.0905, 76.4684, 106.2003



56.1279, 73.4185, 105.8207



44.9754, 46.2382, 101.1619



18.3904, 20.1524, 23.1705



24.2060, 33.3215, 54.5905



2.3999, 3.3305, 5.3296

Previews

White Background



This preview shows how the XYZ color 56.0469, 43.8767, 28.4367 looks on a white background.

Color Contrast Check

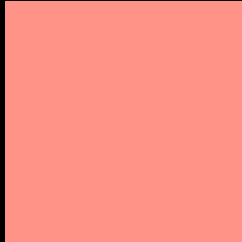
Large Text (above 18pt) WCAG AA × Fail

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 56.0469, 43.8767, 28.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

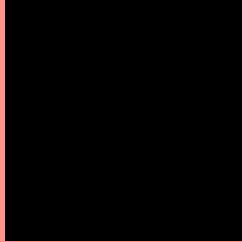
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0469, 43.8767, 28.4367

Background



This preview shows how black text looks on a background with the XYZ color 56.0469, 43.8767, 28.4367.



This preview shows how white text looks on a background with the XYZ color 56.0469, 43.8767,

28.4367.

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

56.0469, 43.8767, 28.4367

Protanopia

41.6405, 44.1790, 34.7665

Deuteranopia

45.0498, 44.0898, 27.6085



Tritanopia

57.2818, 43.8774, 36.4604

Trichromacy



Original Color

56.0469, 43.8767, 28.4367

Protanomaly

45.8216, 43.2831, 32.3250

Deuteranomaly

48.4492, 43.6754, 27.7064

Tritanomaly

56.8642, 43.9559, 33.5042

Monochromacy



Original Color

56.0469, 43.8767, 28.4367

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.7939, 43.3679, 40.1397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0469, 43.8767, 28.4367 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, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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(255, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 135) }
```

Border

The CSS property to change the border of an element to XYZ 56.0469, 43.8767, 28.4367 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, 147, 135) }
```


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

```
.border{ border-color:rgb(255, 147, 135) }
```

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

Here you see how a box with a 4 pixel rgb(255, 147, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0469, 43.8767, 28.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 135) }
```

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

```
.background{ background-color: rgb(255,  
147, 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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