

Converting Colors

XYZ(56.5069, 45.0637, 27.7668)

Have a look what the booklet for
XYZ(56.5069, 45.0637, 27.7668)
contains.

XYZ(56.5402, 45.0867, 27.9129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.5402, 45.0867,
27.9129)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9785
RGB	255, 151, 133
RGB Percent	100%, 59%, 52%
CMY	0.0000, 0.4078, 0.4784
CMYK	0.00, 0.41, 0.48, 0.00
HSL	9°, 100%, 76%
HSV	9°, 48%, 100%
XYZ	56.5402, 45.0867, 27.9129
YIQ	180.0440, 67.7620, 16.4500

Conversions

Conversions Part 2

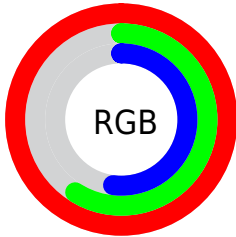
Format	Color
R _Y B	255, 154, 133
Decimal	16750469
CIE Lab	72.95, 37.11, 26.31
CIE LCh	73, 45.489, 35.335
Yxy	45.0867, 0.4365, 0.3481
Android (android.graphics.Color)	4294940549 (0xFFFF9785)
YUV	180.0440, -23.1927, 65.7364
Hunter-Lab	67.1466, 32.7977, 22.3557

Details

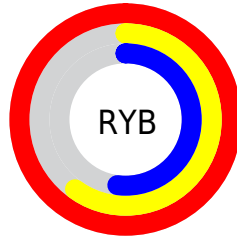
The XYZ color **56.5402, 45.0867, 27.9129** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.0052, 72.7711, 105.5963**, and the grayscale version is **43.5023, 45.7679, 49.8412**.

A 20% lighter version of the original color is **72.1742, 68.9478, 55.9586**, and **28.4347, 20.9620, 10.7310** is the 20% darker color. If you saturate the color by 10%, you get **51.8061, 38.1040, 18.6729**, and if you desaturate by 10%, it is **62.3491, 53.5348, 39.6215**.

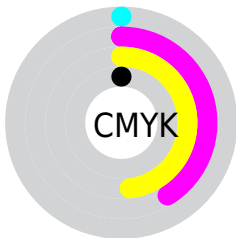
Distribution



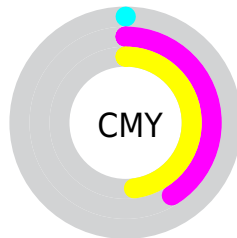
- Red (100%)
- Green (59%)
- Blue (52%)



- Red (100%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (41%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5402, 45.0867, 27.9129 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 56.5402, 45.0867, 27.9129 by changing the saturation by 10% instead.


 56.5402, 45.0867,
27.9129

 56.5402, 45.0867,
27.9129


401.7662,
367.1246, 305.9493


 40.8749, 31.5257,
18.0215


 98.9292, 82.8505,
57.3668

 28.4086, 20.9995,
10.7959

 126.3836,
107.8221, 77.7664

 18.7759, 13.1236,
5.8173


 158.4984,
137.3661, 102.5058

 11.6115, 7.5137,
2.6673

195.6390,
171.8667, 132.0036

 6.5500, 3.7854,
0.9269

238.1708,
211.7085, 166.6783

 3.2261, 1.5543,
0.0000

286.4590,

 1.2744, 0.3265,

257.2758, 206.9485

0.0000

340.8690,
308.9531, 253.2326

■ 0.1640, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5402, 45.0867,
27.9129

■ 56.5402, 45.0867,
27.9129

■ 51.8061, 38.1040,
18.6729

■ 62.3491, 53.5348,
39.6215

■ 48.0765, 32.4964,
11.7214

■ 69.2905, 63.5182,
53.9563

■ 45.2777, 28.1738,
6.8577

■ 77.4219, 75.1109,
71.0647

■ 43.3240, 25.0326,
3.8448

■ 86.7961, 88.3796,
91.0824

■ 42.1095, 22.9511,
2.3686

95.0498, 99.9999,
108.9000

■ 41.9213, 22.6230,
2.1572

Harmonies

Analogous

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



59.9056, 45.0867, 45.1408



56.5402, 45.0867, 27.9129



49.5393, 45.0867, 19.1324

Triad

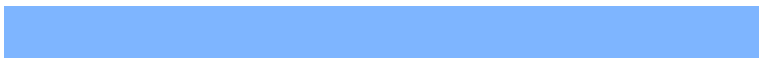
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5402, 45.0867, 27.9129



30.4327, 45.0867, 33.0253



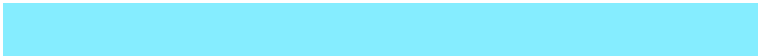
44.2876, 45.0867, 106.6970

Complementary

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



56.5402, 45.0867, 27.9129



58.0052, 72.7711, 105.5963

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.



36.7982, 45.0867, 100.4532



56.5402, 45.0867, 27.9129



29.3898, 45.0867, 53.2667

Square

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



56.5402, 45.0867, 27.9129



34.6232, 45.0867, 21.3825



31.5757, 45.0867, 78.9392



52.2947, 45.0867, 94.0475

Rectangle

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



56.5402, 45.0867, 27.9129



44.1060, 45.0867, 17.1554



31.5757, 45.0867, 78.9392



41.6250, 45.0867, 106.7718

Sweetspot

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



56.5413, 45.0890, 27.9137



80.8746, 80.0080, 78.4056



65.1681, 44.2515, 86.5614



16.8907, 16.5299, 15.8884



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.



56.5413, 45.0890, 27.9137



52.1655, 38.6384, 19.3607



68.5860, 69.1784, 31.9287



18.2257, 18.4195, 18.7391



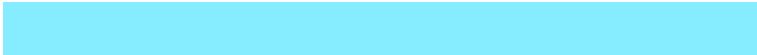
21.9695, 11.9501, 1.1487



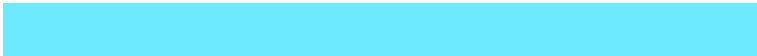
2.2003, 1.2859, 0.1322

Inverse Universe

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



58.0052, 72.7711, 105.5963



53.7310, 69.1008, 105.1136



43.5905, 43.9416, 100.7914



18.3130, 19.9975, 23.1447



22.5327, 29.9751, 54.0328



2.2534, 3.0375, 5.2808

Previews

White Background



This preview shows how the XYZ color 56.5402, 45.0867, 27.9129 looks on a white background.

Color Contrast Check

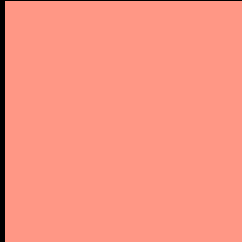
Large Text (above 18pt) WCAG AA × Fail

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 56.5402, 45.0867, 27.9129 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 56.5402, 45.0867, 27.9129

Background



This preview shows how black text looks on a background with the XYZ color 56.5402, 45.0867, 27.9129.



This preview shows how white text looks on a background with the XYZ color 56.5402, 45.0867,

27.9129.

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

56.5402, 45.0867, 27.9129

Protanopia

42.5436, 45.2627, 33.6884

Deuteranopia

46.1555, 45.2362, 27.0677



Tritanopia

58.0879, 44.9430, 38.4142

Trichromacy



Original Color

56.5402, 45.0867, 27.9129

Protanomaly

46.7272, 44.5952, 31.3442

Deuteranomaly

49.2996, 44.6566, 27.1403

Tritanomaly

57.4925, 44.9569, 34.5015

Monochromacy



Original Color

56.5402, 45.0867, 27.9129

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.5310, 44.2857, 40.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5402, 45.0867, 27.9129 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, 151, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 133)  
}
```

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, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 133) }
```

Border

The CSS property to change the border of an element to XYZ 56.5402, 45.0867, 27.9129 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, 151, 133) }
```


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

```
.border{ border-color:rgb(255, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5402, 45.0867, 27.9129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 133) }
```

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

```
.background{ background-color: rgb(255,  
151, 133) }
```

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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