

Converting Colors

XYZ(56.2724, 44.5951, 27.6875)

Have a look what the booklet for
XYZ(56.2724, 44.5951, 27.6875)
contains.

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Color

**XYZ(56.3800, 44.7661,
27.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9685
RGB	255, 150, 133
RGB Percent	100%, 59%, 52%
CMY	0.0000, 0.4117, 0.4784
CMYK	0.00, 0.41, 0.48, 0.00
HSL	8°, 100%, 76%
HSV	8°, 48%, 100%
XYZ	56.3800, 44.7661, 27.8595
YIQ	179.4570, 68.0370, 16.9730

Conversions

Conversions Part 2

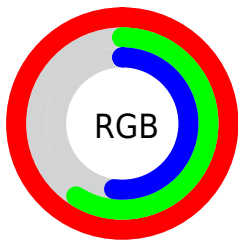
Format	Color
RYB	255, 153, 133
Decimal	16750213
CIELab	72.74, 37.62, 26.03
CIELCh	73, 45.747, 34.674
Yxy	44.7661, 0.4370, 0.3470
Android (android.graphics.Color)	4294940293 (0xFFFF9685)
YUV	179.4570, -22.9033, 66.2512
Hunter-Lab	66.9075, 33.3261, 22.1476

Details

The XYZ color **56.3800, 44.7661, 27.8595** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2959, 73.3523, 105.6935**, and the grayscale version is **43.1858, 45.4349, 49.4786**.

A 20% lighter version of the original color is **71.9342, 68.4678, 55.8786**, and **28.3417, 20.7760, 10.7000** is the 20% darker color. If you saturate the color by 10%, you get **51.6474, 37.7865, 18.6200**, and if you desaturate by 10%, it is **62.1982, 53.2328, 39.5712**.

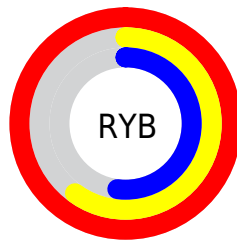
Distribution



Red (100%)

Green (59%)

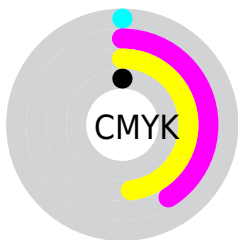
Blue (52%)



Red (100%)

Yellow (60%)

Blue (52%)

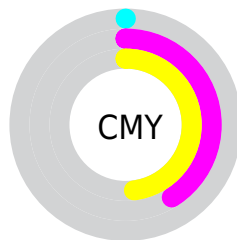


Cyan (0%)

Magenta (41%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3800, 44.7661, 27.8595 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 56.3800, 44.7661, 27.8595 by changing the saturation by 10% instead.


 56.3800, 44.7661,
27.8595

 56.3800, 44.7661,
27.8595


401.1738,
365.8254, 305.6857


 40.7459, 31.2732,
17.9817


 98.6966, 82.3693,
57.2804

 28.3074, 20.8070,
10.7675


 126.1097,
107.2484, 77.6606

 18.6991, 12.9830,
5.7985


 158.1799,
136.6918, 102.3787

 11.5558, 7.4168,
2.6562

195.2724,
171.0837, 131.8531

 6.5120, 3.7241,
0.9212

237.7528,
210.8087, 166.5025

 3.2024, 1.5205,
0.0000

285.9862,

 1.2617, 0.3031,

256.2510, 206.7454

0.0000

340.3381,
307.7951, 253.0003

■ 0.1543, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3800, 44.7661,
27.8595

■ 56.3800, 44.7661,
27.8595

■ 51.6474, 37.7865,
18.6200

■ 62.1982, 53.2328,
39.5712

■ 47.9290, 32.2012,
11.6722

■ 69.1609, 63.2589,
53.9131

■ 45.1496, 27.9176,
6.8150

■ 77.3265, 74.9198,
71.0329

■ 43.2222, 24.8287,
3.8108

■ 86.7486, 88.2844,
91.0667

■ 42.0383, 22.8085, 95.0499, 100.0000,
2.3448 108.9000

■ 41.8571, 22.4943,
2.1357

Harmonies

Analogous

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



59.6511, 44.7661, 45.2660



56.3800, 44.7661, 27.8595



49.4194, 44.7661, 18.9406

Triad

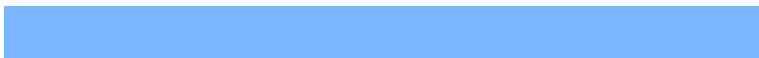
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3800, 44.7661, 27.8595



30.1872, 44.7661, 32.3294



43.8050, 44.7661, 106.5981

Complementary

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



56.3800, 44.7661, 27.8595



58.2959, 73.3523, 105.6935

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.



36.3465, 44.7661, 99.9078



56.3800, 44.7661, 27.8595



29.0744, 44.7661, 52.3930

Square

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



56.3800, 44.7661, 27.8595



34.4409, 44.7661, 20.9018



31.1877, 44.7661, 78.0886



51.8387, 44.7661, 94.2684

Rectangle

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



56.3800, 44.7661, 27.8595



43.9818, 44.7661, 16.8827



31.1877, 44.7661, 78.0886



41.1474, 44.7661, 106.5250

Sweetspot

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



56.3811, 44.7684, 27.8603



80.7957, 79.8502, 78.3793



65.1683, 44.2516, 86.5616



16.8717, 16.4920, 15.8820



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.



56.3811, 44.7684, 27.8603



52.0062, 38.3197, 19.3075



68.5862, 69.1786, 31.9287



18.2135, 18.3953, 18.7350



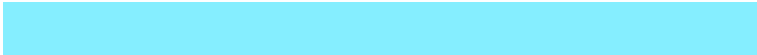
21.9329, 11.8771, 1.1365



2.1946, 1.2745, 0.1303

Inverse Universe

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



58.2959, 73.3523, 105.6935



54.0707, 69.7801, 105.2268



43.5906, 43.9417, 100.7917



18.3263, 20.0242, 23.1491



22.8130, 30.5357, 54.1262



2.2780, 3.0868, 5.2890

Previews

White Background



This preview shows how the XYZ color 56.3800, 44.7661, 27.8595 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 56.3800, 44.7661, 27.8595 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 56.3800, 44.7661, 27.8595

Background



This preview shows how black text looks on a background with the XYZ color 56.3800, 44.7661, 27.8595.



This preview shows how white text looks on a background with the XYZ color 56.3800, 44.7661,

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

56.3800, 44.7661, 27.8595

Protanopia

42.2947, 45.1343, 33.6768

Deuteranopia

45.6767, 44.7078, 26.9909



Tritanopia

58.0015, 44.9084, 37.9589

Trichromacy



Original Color

56.3800, 44.7661, 27.8595



Protanomaly

46.2509, 44.0745, 31.2688



Deuteranomaly

49.1214, 44.3001, 27.0809



Tritanomaly

57.4123, 44.9248, 34.0792

Monochromacy



Original Color

56.3800, 44.7661, 27.8595



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.2563, 43.8793, 40.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3800, 44.7661, 27.8595 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, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 133) }
```

Border

The CSS property to change the border of an element to XYZ 56.3800, 44.7661, 27.8595 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, 150, 133) }
```


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

```
.border{ border-color:rgb(255, 150, 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, 150, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3800, 44.7661, 27.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 133) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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