

Converting Colors

XYZ(57.1741, 46.3984, 27.9881)

Have a look what the booklet for
XYZ(57.1741, 46.3984, 27.9881)
contains.

XYZ(57.1950, 46.3961, 28.1311)	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(57.1950, 46.3961,
28.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B85
RGB	255, 155, 133
RGB Percent	100%, 61%, 52%
CMY	0.0000, 0.3921, 0.4784
CMYK	0.00, 0.39, 0.48, 0.00
HSL	11°, 100%, 76%
HSV	11°, 48%, 100%
XYZ	57.1950, 46.3961, 28.1311
YIQ	182.3920, 66.6620, 14.3580

Conversions

Conversions Part 2

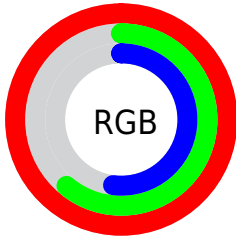
Format	Color
R _Y B	255, 160, 133
Decimal	16751493
CIE Lab	73.80, 35.05, 27.45
CIE LCh	74, 44.520, 38.066
Yxy	46.3961, 0.4342, 0.3522
Android (android.graphics.Color)	4294941573 (0xFFFF9B85)
YUV	182.3920, -24.3503, 63.6772
Hunter-Lab	68.1147, 30.6834, 23.1937

Details

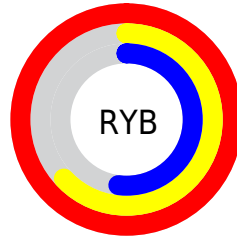
The XYZ color **57.1950, 46.3961, 28.1311** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.8603, 70.4812, 105.2150**, and the grayscale version is **44.7815, 47.1136, 51.3067**.

A 20% lighter version of the original color is **73.1495, 70.8984, 56.2837**, and **28.8184, 21.7294, 10.8589** is the 20% darker color. If you saturate the color by 10%, you get **52.4601, 39.4117, 18.8909**, and if you desaturate by 10%, it is **62.9619, 54.7602, 39.8257**.

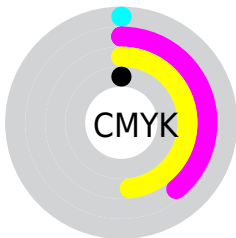
Distribution



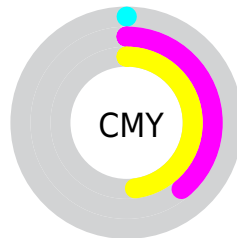
- Red (100%)
- Green (61%)
- Blue (52%)



- Red (100%)
- Yellow (63%)
- Blue (52%)



- Cyan (0%)
- Magenta (39%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1950, 46.3961, 28.1311 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 57.1950, 46.3961, 28.1311 by changing the saturation by 10% instead.


 57.1950, 46.3961,
28.1311

 57.1950, 46.3961,
28.1311


404.1820,
372.3988, 307.0245


 41.4026, 32.5585,
18.1846

 99.8794, 84.8115,
57.7193

 28.8228, 21.7884,
10.9118


 127.5020,
110.1581, 78.1981

 19.0904, 13.7015,
5.8941


 159.7988,
140.1098, 103.0247

 11.8400, 7.9134,
2.7131

197.1351,
175.0510, 132.6177

 6.7063, 4.0396,
0.9500

239.8762,
215.3661, 167.3957

 3.3238, 1.6957,
0.0000

288.3874,

 1.3272, 0.4209,

261.4395, 207.7771

0.0000

343.0343,
313.6556, 254.1805

■ 0.2034, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1950, 46.3961,
28.1311

■ 57.1950, 46.3961,
28.1311

■ 52.4601, 39.4117,
18.8909

■ 62.9619, 54.7602,
39.8257

■ 48.6911, 33.7255,
11.9263

■ 69.8144, 64.5659,
54.1309

■ 45.8198, 29.2578,
7.0383

■ 77.8065, 75.8798,
71.1929

■ 43.7664, 25.9171,
3.9922

■ 86.9875, 88.7622,
91.1462

■ 42.4324, 23.5966, 95.0499, 100.0000,
2.4761 108.9000

■ 42.2168, 23.2136,
2.2556

Harmonies

Analogous

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



60.9441, 46.3961, 44.6463



57.1950, 46.3961, 28.1311



50.0294, 46.3961, 19.9179

Triad

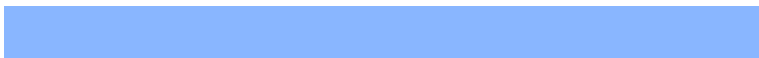
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.1950, 46.3961, 28.1311



31.4360, 46.3961, 35.9256



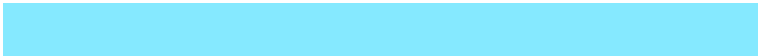
46.2678, 46.3961, 107.1123

Complementary

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



57.1950, 46.3961, 28.1311



56.8603, 70.4812, 105.2150

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.



38.6551, 46.3961, 102.6804



57.1950, 46.3961, 28.1311



30.6833, 46.3961, 56.8820

Square

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



57.1950, 46.3961, 28.1311



35.3660, 46.3961, 23.3899



33.1707, 46.3961, 82.4306



54.1607, 46.3961, 93.1783

Rectangle

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



57.1950, 46.3961, 28.1311



44.6136, 46.3961, 18.2822



33.1707, 46.3961, 82.4306



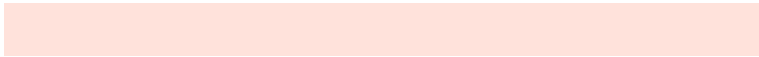
43.5866, 46.3961, 107.7842

Sweetspot

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



57.1962, 46.3984, 28.1320



81.1913, 80.6414, 78.5112



64.5749, 44.0143, 83.4372



16.9668, 16.6822, 15.9137



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.



57.1962, 46.3984, 28.1320



52.8210, 39.9492, 19.5791



69.6048, 71.2157, 32.2682



18.2743, 18.5168, 18.7553



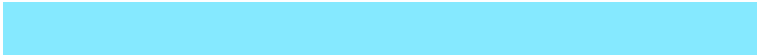
22.1351, 12.2815, 1.2039



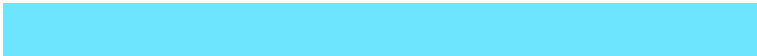
2.2236, 1.3326, 0.1400

Inverse Universe

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



56.8603, 70.4812, 105.2150



52.3961, 66.4308, 104.6686



42.7949, 42.3504, 100.5265



18.2598, 19.8913, 23.1270



21.4467, 27.8031, 53.6708



2.1575, 2.8458, 5.2488

Previews

White Background



This preview shows how the XYZ color 57.1950, 46.3961, 28.1311 looks on a white background.

Color Contrast Check

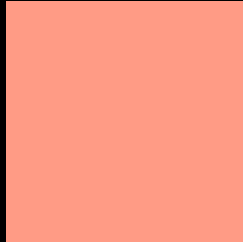
Large Text (above 18pt) WCAG AA × Fail

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 57.1950, 46.3961, 28.1311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

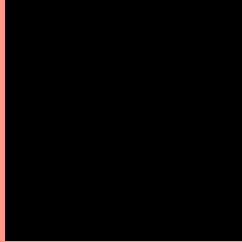
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1950, 46.3961, 28.1311

Background



This preview shows how black text looks on a background with the XYZ color 57.1950, 46.3961, 28.1311.



This preview shows how white text looks on a background with the XYZ color 57.1950, 46.3961,

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

57.1950, 46.3961, 28.1311

Protanopia

43.6270, 46.4295, 33.4505

Deuteranopia

47.4174, 46.4560, 27.2366



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

57.1950, 46.3961, 28.1311



Protanomaly

47.8791, 46.0271, 31.5599



Deuteranomaly

50.4811, 46.0721, 27.3513



Tritanomaly

58.2987, 46.3095, 35.5717

Monochromacy



Original Color

57.1950, 46.3961, 28.1311



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.7479, 45.7407, 41.4342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1950, 46.3961, 28.1311 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, 155, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 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, 155, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 133) }
```

Border

The CSS property to change the border of an element to XYZ 57.1950, 46.3961, 28.1311 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, 155, 133) }
```


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

```
.border{ border-color:rgb(255, 155, 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, 155, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1950, 46.3961, 28.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 133) }
```

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

```
.background{ background-color: rgb(255,  
155, 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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