

Converting Colors

XYZ(94.5879, 61.9259, 30.6215)

Have a look what the booklet for
XYZ(94.5879, 61.9259, 30.6215)
contains.

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Color

**XYZ(54.9880, 41.5314,
28.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B89
RGB	255, 139, 137
RGB Percent	100%, 55%, 54%
CMY	0.0000, 0.4549, 0.4627
CMYK	0.00, 0.45, 0.46, 0.00
HSL	1°, 100%, 77%
HSV	1°, 46%, 100%
XYZ	54.9880, 41.5314, 28.7851
YIQ	173.4560, 69.7780, 23.9700

Conversions

Conversions Part 2

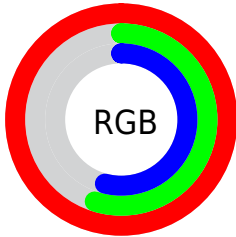
Format	Color
RYB	255, 139, 137
Decimal	16747401
CIELab	70.55, 43.58, 20.86
CIELCh	71, 48.314, 25.576
Yxy	41.5314, 0.4388, 0.3314
Android (android.graphics.Color)	4294937481 (0xFFFF8B89)
YUV	173.4560, -17.9728, 71.5141
Hunter-Lab	64.4449, 39.5278, 18.6288

Details

The XYZ color **54.9880, 41.5314, 28.7851** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.4899, 82.7849, 107.2404**, and the grayscale version is **40.0185, 42.1026, 45.8497**.

A 20% lighter version of the original color is **69.8261, 63.5613, 57.3035**, and **27.2962, 18.8130, 11.2094** is the 20% darker color. If you saturate the color by 10%, you get **50.1475, 34.4401, 19.1885**, and if you desaturate by 10%, it is **61.0948, 50.4638, 40.9369**.

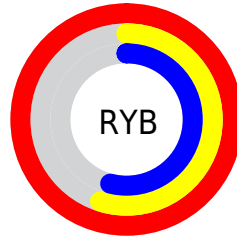
Distribution



Red (100%)

Green (55%)

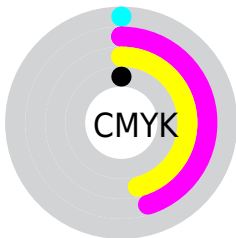
Blue (54%)



Red (100%)

Yellow (55%)

Blue (54%)

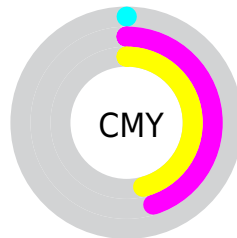


Cyan (0%)

Magenta (45%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9880, 41.5314, 28.7851 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 54.9880, 41.5314, 28.7851 by changing the saturation by 10% instead.


 54.9880, 41.5314,
28.7851

 54.9880, 41.5314,
28.7851


396.0036,
352.5367, 310.2288


 39.6259, 28.7345,
18.6741

 96.6718, 77.4899,
58.7736

 27.4299, 18.8801,
11.2606


 123.7242,
101.4204, 79.4882

 18.0346, 11.5837,
6.1260


 155.4041,
129.8308, 104.5744

 11.0747, 6.4609,
2.8519

192.0769,
163.1057, 134.4508

 6.1848, 3.1273,
1.0195

234.1079,
201.6293, 169.5359

 2.9995, 1.1985,
0.0000

281.8624,

 1.1535, 0.0605,

245.7861, 210.2482

0.0000

335.7059,
295.9604, 257.0063

■ 0.0692, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9880, 41.5314,
28.7851

■ 54.9880, 41.5314,
28.7851

■ 50.1475, 34.4401,
19.1885

■ 61.0948, 50.4638,
40.9369

■ 46.4816, 29.0558,
11.9628

■ 68.5449, 61.3464,
55.8059

■ 43.8914, 25.2367,
6.9026

■ 77.4128, 74.2874,
73.5436

■ 42.2604, 22.8155,
3.7667

■ 87.7666, 89.3850,
94.2894

■ 41.4447, 21.5862, 95.0499, 100.0000,
2.2550 108.9000

■ 41.2870, 21.3541,
1.9457

Harmonies

Analogous

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



56.8256, 41.5314, 48.6944



54.9880, 41.5314, 28.7851



48.7951, 41.5314, 17.8035

Triad

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



54.9880, 41.5314, 28.7851



28.1264, 41.5314, 24.6569



38.3030, 41.5314, 104.6736

Complementary

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



54.9880, 41.5314, 28.7851



63.4899, 82.7849, 107.2404

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.



31.4232, 41.5314, 91.9918



54.9880, 41.5314, 28.7851



26.0723, 41.5314, 41.9161

Square

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



54.9880, 41.5314, 28.7851



33.2165, 41.5314, 16.0447



27.1931, 41.5314, 66.9573



46.4726, 41.5314, 97.5398

Rectangle

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



54.9880, 41.5314, 28.7851



43.4195, 41.5314, 14.6256



27.1931, 41.5314, 66.9573



35.7757, 41.5314, 102.4951

Sweetspot

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



54.9891, 41.5335, 28.7859



79.6345, 77.5279, 77.9923



67.9206, 46.2456, 98.3026



16.5935, 15.9355, 15.7893



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.



54.9891, 41.5335, 28.7859



50.2642, 34.6111, 19.4191



65.9419, 63.4393, 32.4368



18.0341, 18.0365, 18.6752



21.5841, 11.1794, 1.0202



2.1099, 1.1052, 0.1021

Inverse Universe

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



63.4899, 82.7849, 107.2404



59.7479, 80.6585, 107.0273



47.6660, 51.1371, 101.9657



18.5268, 20.4253, 23.2160



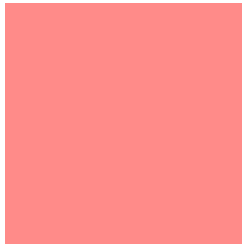
27.4143, 39.7383, 55.6599



2.6774, 3.8855, 5.4221

Previews

White Background



This preview shows how the XYZ color 54.9880, 41.5314, 28.7851 looks on a white background.

Color Contrast Check

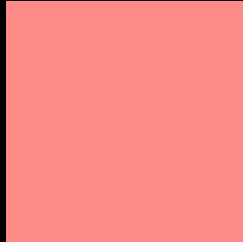
Large Text (above 18pt) WCAG AA × Fail

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 54.9880, 41.5314, 28.7851 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 54.9880, 41.5314, 28.7851

Background



This preview shows how black text looks on a background with the XYZ color 54.9880, 41.5314, 28.7851.



This preview shows how white text looks on a background with the XYZ color 54.9880, 41.5314,

28.7851.

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

54.9880, 41.5314, 28.7851

Protanopia

39.5583, 41.6287, 36.0872

Deuteranopia

42.4297, 41.6349, 27.6298



Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



Original Color

54.9880, 41.5314, 28.7851

Protanomaly

43.8497, 40.6581, 33.1404

Deuteranomaly

46.3157, 41.0278, 28.0323

Tritanomaly

55.3625, 41.4506, 31.4684

Monochromacy



Original Color

54.9880, 41.5314, 28.7851

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.7186, 40.7243, 38.8141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9880, 41.5314, 28.7851 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, 139, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 137)  
}
```

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, 139, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 137) }
```

Border

The CSS property to change the border of an element to XYZ 54.9880, 41.5314, 28.7851 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, 139, 137) }
```


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

```
.border{ border-color:rgb(255, 139, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9880, 41.5314, 28.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 137) }
```

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

```
.background{ background-color: rgb(255,  
139, 137) }
```

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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