

# Converting Colors

XYZ(69.7923, 48.9412, 27.9158)

Have a look what the booklet for  
XYZ(69.7923, 48.9412, 27.9158)  
contains.

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# Color

**XYZ(54.5621, 41.1304,  
27.2535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8A85
RGB	255, 138, 133
RGB Percent	100%, 54%, 52%
CMY	0.0000, 0.4588, 0.4784
CMYK	0.00, 0.46, 0.48, 0.00
HSL	2°, 100%, 76%
HSV	2°, 48%, 100%
XYZ	54.5621, 41.1304, 27.2535
YIQ	172.4130, 71.3370, 23.2490

# Conversions

## Conversions Part 2

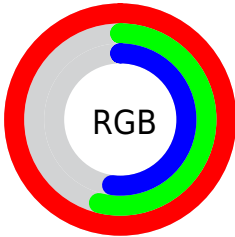
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 138, 133
Decimal	16747141
CIE <sub>Lab</sub>	70.27, 43.71, 22.69
CIE <sub>LCh</sub>	70, 49.247, 27.440
Yxy	41.1304, 0.4438, 0.3345
Android (android.graphics.Color)	4294937221 (0xFFFF8A85)
YUV	172.4130, -19.4306, 72.4288
Hunter-Lab	64.1330, 39.6288, 19.6976

# Details

The XYZ color **54.5621, 41.1304, 27.2535** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9065, 80.5736, 106.8969**, and the grayscale version is **39.4932, 41.5500, 45.2479**.

A 20% lighter version of the original color is **69.1729, 62.9451, 54.9582**, and **27.0580, 18.5909, 10.3459** is the 20% darker color. If you saturate the color by 10%, you get **49.8873, 34.2663, 18.0332**, and if you desaturate by 10%, it is **60.4563, 49.7492, 38.9905**.

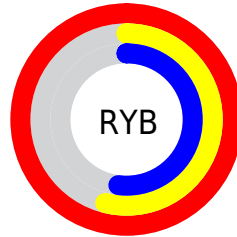
# Distribution



Red (100%)

Green (54%)

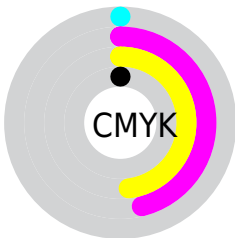
Blue (52%)



Red (100%)

Yellow (54%)

Blue (52%)

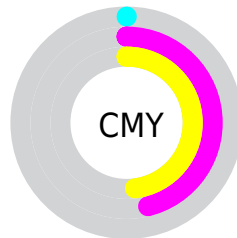


Cyan (0%)

Magenta (46%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5621, 41.1304, 27.2535 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 54.5621, 41.1304, 27.2535 by changing the saturation by 10% instead.





 54.5621, 41.1304,  
27.2535


 54.5621, 41.1304,  
27.2535


394.4133,  
350.8653, 302.6813


 39.2837, 28.4210,  
17.5296


 96.0511, 76.8818,  
56.2991

 27.1622, 18.6433,  
10.4469


 122.9925,  
100.6926, 76.4578

 17.8323, 11.4128,  
5.5868

 154.5522,  
128.9726, 100.9319

 10.9286, 6.3452,  
2.5308

191.0956,  
162.1063, 130.1398

 6.0858, 3.0561,  
0.8564

232.9880,  
200.4780, 164.5002

 2.9385, 1.1611,  
0.0000

280.5949,

 1.1213, 0.0296,

244.4722, 204.4316

0.0000

334.2815,  
294.4731, 250.3524

■ 0.0428, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.5621, 41.1304,  
27.2535

■ 54.5621, 41.1304,  
27.2535

■ 49.8873, 34.2663,  
18.0332

■ 60.4563, 49.7492,  
38.9905

■ 46.3436, 29.0306,  
11.1438

■ 67.6439, 60.2251,  
53.4073

■ 43.8361, 25.2906,  
6.3771

■ 76.1964, 72.6599,  
70.6561

■ 42.2525, 22.8895,  
3.4876

■ 86.1795, 87.1464,  
90.8767

■ 41.4515, 21.6349, 95.0499, 99.9999,  
2.1492 108.9000

■ 41.3535, 21.4872,  
1.9679

# Harmonies

## Analogous

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



56.7539, 41.1304, 46.8005



54.5621, 41.1304, 27.2535



48.0626, 41.1304, 16.7810

# Triad

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



54.5621, 41.1304, 27.2535



27.4088, 41.1304, 24.8560



38.4035, 41.1304, 105.5440

# Complementary

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



54.5621, 41.1304, 27.2535



61.9065, 80.5736, 106.8969

# 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.



31.3155, 41.1304, 93.7125



54.5621, 41.1304, 27.2535



25.5386, 41.1304, 42.8263

# Square

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



54.5621, 41.1304, 27.2535



32.3635, 41.1304, 15.7693



26.8649, 41.1304, 68.5700



46.6967, 41.1304, 97.0009



# Rectangle

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



54.5621, 41.1304, 27.2535



42.5692, 41.1304, 13.8850



26.8649, 41.1304, 68.5700



35.8118, 41.1304, 103.7476

# Sweetspot

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



54.5631, 41.1325, 27.2543



79.8602, 77.9792, 78.0675



67.0296, 44.9961, 96.3637



16.6475, 16.0434, 15.8073



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.



54.5631, 41.1325, 27.2543



50.2365, 34.7803, 18.7177



65.6830, 63.3722, 30.9609



18.0691, 18.1064, 18.6869



21.6340, 11.2792, 1.0369



2.1265, 1.1384, 0.1077



# Inverse Universe

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



61.9065, 80.5736, 106.8969



58.3235, 78.2858, 106.6444



46.1221, 49.0048, 101.6354



18.4872, 20.3460, 23.2027



26.4480, 37.8055, 55.3378

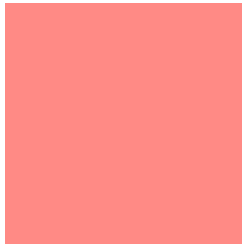


2.5942, 3.7191, 5.3944



# Previews

## White Background



This preview shows how the XYZ color 54.5621, 41.1304, 27.2535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

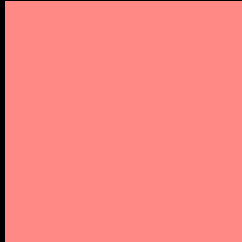
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.5621, 41.1304, 27.2535 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 54.5621, 41.1304, 27.2535

## Background



This preview shows how black text looks on a background with the XYZ color 54.5621, 41.1304, 27.2535.



This preview shows how white text looks on a background with the XYZ color 54.5621, 41.1304,

27.2535.

# 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

54.5621, 41.1304, 27.2535

### Protanopia

39.2334, 41.4987, 34.3760

### Deuteranopia

41.9800, 41.1653, 26.1552



## Tritanopia

55.3740, 41.2266, 32.2331

# Trichromacy



## Original Color

54.5621, 41.1304, 27.2535

## Protanomaly

43.5412, 40.5347, 31.5157

## Deuteranomaly

45.8748, 40.5840, 26.5347

## Tritanomaly

54.9934, 41.0744, 30.2290

# Monochromacy



## Original Color

54.5621, 41.1304, 27.2535

## Achromatopsia

39.2122, 41.2543, 44.9259

## Achromatomaly

43.0995, 40.1668, 37.8291

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.5621, 41.1304, 27.2535 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, 138, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 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, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 133) }
```

## Border

The CSS property to change the border of an element to XYZ 54.5621, 41.1304, 27.2535 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, 138, 133) }
```



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

```
.border{ border-color:rgb(255, 138, 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, 138, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
133) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.5621, 41.1304, 27.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 133) }
```

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

```
.background{ background-color: rgb(255,  
138, 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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