

# Converting Colors

XYZ(55.7134, 42.7074, 29.8742)

Have a look what the booklet for  
XYZ(55.7134, 42.7074, 29.8742)  
contains.

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# Color

**XYZ(55.7227, 42.7690,  
29.7444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8F8B
RGB	255, 143, 139
RGB Percent	100%, 56%, 55%
CMY	0.0000, 0.4392, 0.4549
CMYK	0.00, 0.44, 0.45, 0.00
HSL	2°, 100%, 77%
HSV	2°, 45%, 100%
XYZ	55.7227, 42.7690, 29.7444
YIQ	176.0320, 68.0360, 22.5000

# Conversions

## Conversions Part 2

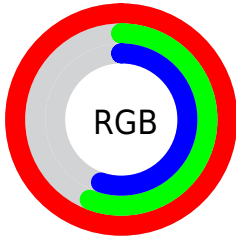
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 143, 139
Decimal	16748427
CIE Lab	71.40, 41.76, 20.91
CIE LCh	71, 46.703, 26.604
Yxy	42.7690, 0.4345, 0.3335
Android (android.graphics.Color)	4294938507 (0xFFFF8F8B)
YUV	176.0320, -18.2568, 69.2549
Hunter-Lab	65.3980, 37.6453, 18.8123

# Details

The XYZ color **55.7227, 42.7690, 29.7444** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.1928, 81.6995, 107.0466**, and the grayscale version is **41.3520, 43.5055, 47.3775**.

A 20% lighter version of the original color is **70.9485, 65.4539, 58.7637**, and **27.9650, 19.6357, 11.7673** is the 20% darker color. If you saturate the color by 10%, you get **50.7731, 35.5120, 19.9496**, and if you desaturate by 10%, it is **61.9199, 51.8260, 42.0995**.

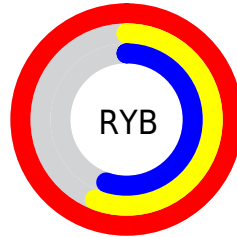
# Distribution



Red (100%)

Green (56%)

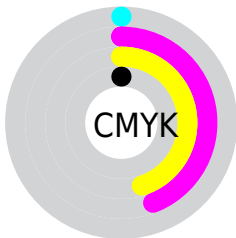
Blue (55%)



Red (100%)

Yellow (56%)

Blue (55%)

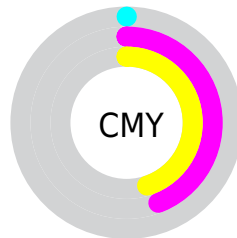


Cyan (0%)

Magenta (44%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (44%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7227, 42.7690, 29.7444 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 55.7227, 42.7690, 29.7444 by changing the saturation by 10% instead.




 55.7227, 42.7690,  
29.7444

 55.7227, 42.7690,  
29.7444


398.7376,  
357.6609, 314.8814

 40.2168, 29.7039,  
19.3943

 97.7412, 79.3622,  
60.3139

 27.8926, 19.6140,  
11.7758

 124.9844,  
103.6590, 81.3704

 18.3847, 12.1147,  
6.4705


 156.8709,  
132.4686, 106.8328

 11.3279, 6.8219,  
3.0599

193.7658,  
166.1753, 137.1195

 6.3568, 3.3509,  
1.1253

236.0346,  
205.1634, 172.6492

 3.1059, 1.3176,  
0.0000

284.0425,

 1.2100, 0.1548,

249.8175, 213.8404

0.0000

338.1551,  
300.5219, 261.1116

■ 0.1143, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 55.7227, 42.7690,  
29.7444

■ 55.7227, 42.7690,  
29.7444

■ 50.7731, 35.5120,  
19.9496

■ 61.9199, 51.8260,  
42.0995

■ 46.9836, 29.9289,  
12.5333

■ 69.4380, 62.7851,  
57.1747

■ 44.2606, 25.8879,  
7.2939

■ 78.3483, 75.7483,  
75.1195

■ 42.4945, 23.2347,  
3.9954

■ 88.7162, 90.8087,  
96.0719

■ 41.5519, 21.7825, 95.0500, 100.0000,  
2.3464 108.9000

■ 41.3356, 21.4512,  
1.9619

# Harmonies

## Analogous

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



57.6879, 42.7690, 49.1803



55.7227, 42.7690, 29.7444



49.5532, 42.7690, 18.9653

# Triad

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



55.7227, 42.7690, 29.7444



29.2894, 42.7690, 26.5698



39.7617, 42.7690, 104.5440

# Complementary

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



55.7227, 42.7690, 29.7444



63.1928, 81.6995, 107.0466

# 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.



32.8838, 42.7690, 92.8797



55.7227, 42.7690, 29.7444



27.3490, 42.7690, 44.0502

# Square

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



55.7227, 42.7690, 29.7444



34.2489, 42.7690, 17.5908



28.5756, 42.7690, 68.7747



47.8042, 42.7690, 97.0032



# Rectangle

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



55.7227, 42.7690, 29.7444



44.2549, 42.7690, 15.8701



28.5756, 42.7690, 68.7747



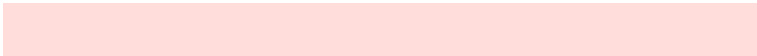
37.2476, 42.7690, 102.6659

# Sweetspot

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



55.7238, 42.7712, 29.7452



79.7990, 77.8569, 78.0471



67.9063, 46.6990, 96.8117



16.6328, 16.0142, 15.8024



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.



55.7238, 42.7712, 29.7452



50.9878, 35.8275, 20.3724



66.7559, 64.8354, 33.4226



18.0597, 18.0875, 18.6837



21.6205, 11.2522, 1.0324



2.1220, 1.1294, 0.1062



# Inverse Universe

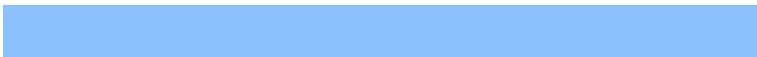
The Inverse Universe completely reimagines the original color for something new.



63.1928, 81.6995, 107.0466



59.3216, 79.3163, 106.7907



47.7972, 50.9082, 101.9147



18.4979, 20.3674, 23.2063



26.7063, 38.3222, 55.4239



2.6165, 3.7637, 5.4018



# Previews

## White Background



This preview shows how the XYZ color 55.7227, 42.7690, 29.7444 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 55.7227, 42.7690, 29.7444 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 55.7227, 42.7690, 29.7444**

## **Background**



This preview shows how black text looks on a background with the XYZ color 55.7227, 42.7690, 29.7444.



This preview shows how white text looks on a background with the XYZ color 55.7227, 42.7690,

29.7444.

# 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

55.7227, 42.7690, 29.7444

### Protanopia

40.6911, 43.0603, 36.7387

### Deuteranopia

43.8294, 42.8763, 28.8876



## Tritanopia

56.5805, 42.8730, 34.9990

# Trichromacy



## Original Color

55.7227, 42.7690, 29.7444

## Protanomaly

44.8165, 41.9196, 34.1630

## Deuteranomaly

47.5825, 42.4211, 28.9728

## Tritanomaly

56.1795, 42.7126, 32.8871

# Monochromacy



## Original Color

55.7227, 42.7690, 29.7444

## Achromatopsia

41.2663, 43.4154, 47.2793

## Achromatomaly

45.0632, 42.1744, 40.4157

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.7227, 42.7690, 29.7444 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, 143, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 139)  
}
```

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, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 139) }
```

## Border

The CSS property to change the border of an element to XYZ 55.7227, 42.7690, 29.7444 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, 143, 139) }
```



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

```
.border{ border-color:rgb(255, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
139) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.7227, 42.7690, 29.7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 139) }
```

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

```
.background{ background-color: rgb(255,  
143, 139) }
```

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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