

Converting Colors

XYZ(55.5841, 42.6428, 29.2329)

Have a look what the booklet for
XYZ(55.5841, 42.6428, 29.2329)
contains.

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Color

**XYZ(55.6499, 42.7399,
29.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F8A
RGB	255, 143, 138
RGB Percent	100%, 56%, 54%
CMY	0.0000, 0.4392, 0.4588
CMYK	0.00, 0.44, 0.46, 0.00
HSL	3°, 100%, 77%
HSV	3°, 46%, 100%
XYZ	55.6499, 42.7399, 29.3613
YIQ	175.9180, 68.3570, 22.1890

Conversions

Conversions Part 2

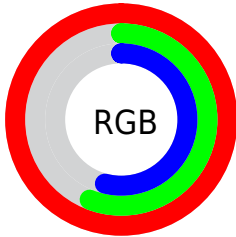
Format	Color
R_{YB}	255, 143, 138
Decimal	16748426
CIE _{Lab}	71.38, 41.66, 21.44
CIE _{LCh}	71, 46.855, 27.232
Yxy	42.7399, 0.4356, 0.3346
Android (android.graphics.Color)	4294938506 (0xFFFF8F8A)
YUV	175.9180, -18.6936, 69.3549
Hunter-Lab	65.3758, 37.5372, 19.1349

Details

The XYZ color **55.6499, 42.7399, 29.3613** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7150, 80.9905, 106.9348**, and the grayscale version is **41.2946, 43.4452, 47.3118**.

A 20% lighter version of the original color is **70.8381, 65.4098, 58.1820**, and **27.9233, 19.6190, 11.5476** is the 20% darker color. If you saturate the color by 10%, you get **50.7417, 35.5393, 19.6613**, and if you desaturate by 10%, it is **61.7908, 51.7125, 41.6110**.

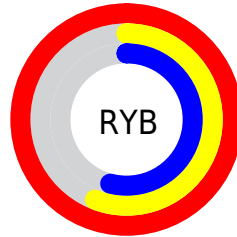
Distribution



Red (100%)

Green (56%)

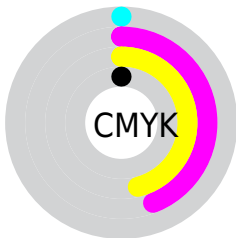
Blue (54%)



Red (100%)

Yellow (56%)

Blue (54%)

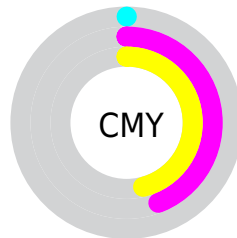


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6499, 42.7399, 29.3613 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 55.6499, 42.7399, 29.3613 by changing the saturation by 10% instead.


 55.6499, 42.7399,
29.3613

 55.6499, 42.7399,
29.3613


398.4672,
357.5410, 313.0300


 40.1582, 29.6811,
19.1064

 97.6353, 79.3182,
59.6996

 27.8467, 19.5967,
11.5696


 124.8597,
103.6065, 80.6202

 18.3500, 12.1022,
6.3324


 156.7257,
132.4067, 105.9329

 11.3027, 6.8133,
2.9762

193.5987,
166.1033, 136.0566

 6.3396, 3.3456,
1.0825

235.8439,
205.0807, 171.4095

 3.0953, 1.3147,
0.0000

283.8269,

 1.2044, 0.1526,

249.7231, 212.4104

0.0000

337.9129,
300.4151, 259.4777

■ 0.1098, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6499, 42.7399,
29.3613

■ 55.6499, 42.7399,
29.3613

■ 50.7417, 35.5393,
19.6613

■ 61.7908, 51.7125,
41.6110

■ 46.9798, 29.9873,
12.3291

■ 69.2366, 62.5566,
56.5702

■ 44.2722, 25.9552,
7.1624

■ 78.0574, 75.3723,
74.3886

■ 42.5110, 23.2926,
3.9245

■ 88.3179, 90.2506,
95.2041

■ 41.5649, 21.8179, 95.0499, 99.9999,
2.3222 108.9000

■ 41.3586, 21.4973,
1.9695

Harmonies

Analogous

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



57.7261, 42.7399, 48.6653



55.6499, 42.7399, 29.3613



49.3938, 42.7399, 18.7417

Triad

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



55.6499, 42.7399, 29.3613



29.1616, 42.7399, 26.7695



39.8951, 42.7399, 104.7741

Complementary

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



55.6499, 42.7399, 29.3613



62.7150, 80.9905, 106.9348

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.



32.9573, 42.7399, 93.4278



55.6499, 42.7399, 29.3613



27.2833, 42.7399, 44.4707

Square

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



55.6499, 42.7399, 29.3613



34.0729, 42.7399, 17.6212



28.5785, 42.7399, 69.3669



47.9630, 42.7399, 96.8051

Rectangle

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



55.6499, 42.7399, 29.3613



44.0667, 42.7399, 15.7358



28.5785, 42.7399, 69.3669



37.3635, 42.7399, 103.0265

Sweetspot

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



55.6510, 42.7421, 29.3621



79.8767, 78.0122, 78.0730



67.7569, 46.4086, 96.7358



16.6514, 16.0513, 15.8086



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.



55.6510, 42.7421, 29.3621



51.1273, 36.1064, 20.4189



66.5745, 64.5892, 33.0033



18.0717, 18.1116, 18.6877



21.6376, 11.2865, 1.0381



2.1277, 1.1408, 0.1081

Inverse Universe

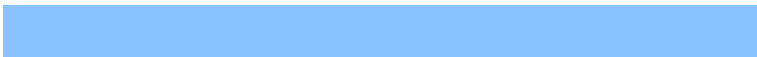
The Inverse Universe completely reimagines the original color for something new.



62.7150, 80.9905, 106.9348



58.9627, 78.5986, 106.6711



47.5131, 50.5869, 101.8675



18.4843, 20.3403, 23.2018



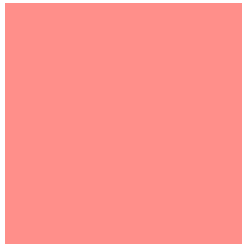
26.3788, 37.6671, 55.3148



2.5882, 3.7072, 5.3924

Previews

White Background



This preview shows how the XYZ color 55.6499, 42.7399, 29.3613 looks on a white background.

Color Contrast Check

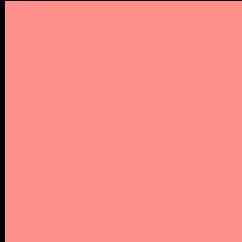
Large Text (above 18pt) WCAG AA × Fail

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 55.6499, 42.7399, 29.3613 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 55.6499, 42.7399, 29.3613

Background



This preview shows how black text looks on a background with the XYZ color 55.6499, 42.7399, 29.3613.



This preview shows how white text looks on a background with the XYZ color 55.6499, 42.7399,

29.3613.

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

55.6499, 42.7399, 29.3613

Protanopia

40.6082, 43.0271, 36.3018

Deuteranopia

43.7593, 42.8483, 28.5184



Tritanopia

56.5805, 42.8730, 34.9990

Trichromacy



Original Color

55.6499, 42.7399, 29.3613

Protanomaly

44.7370, 41.8878, 33.7442

Deuteranomaly

47.5118, 42.3928, 28.6002

Tritanomaly

56.1795, 42.7126, 32.8871

Monochromacy



Original Color

55.6499, 42.7399, 29.3613

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.9739, 42.1387, 39.9456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6499, 42.7399, 29.3613 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 138) }
```

Border

The CSS property to change the border of an element to XYZ 55.6499, 42.7399, 29.3613 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, 138) }
```


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

```
.border{ border-color:rgb(255, 143, 138) }
```

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, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6499, 42.7399, 29.3613 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, 138) }
```

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

```
.background{ background-color: rgb(255,  
143, 138) }
```

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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