

Converting Colors

XYZ(72.5347, 52.2623, 30.3991)

Have a look what the booklet for
XYZ(72.5347, 52.2623, 30.3991)
contains.

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Color

**XYZ(56.2612, 43.9624,
29.5651)**

Conversions

Conversions Part 1

Format	Color
Hex	FF938A
RGB	255, 147, 138
RGB Percent	100%, 58%, 54%
CMY	0.0000, 0.4235, 0.4588
CMYK	0.00, 0.42, 0.46, 0.00
HSL	5°, 100%, 77%
HSV	5°, 46%, 100%
XYZ	56.2612, 43.9624, 29.5651
YIQ	178.2660, 67.2570, 20.0970

Conversions

Conversions Part 2

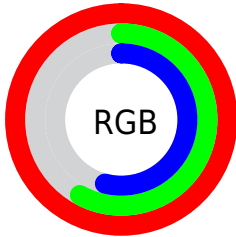
Format	Color
R _Y B	255, 148, 138
Decimal	16749450
CIE Lab	72.20, 39.63, 22.56
CIE LCh	72, 45.604, 29.656
Yxy	43.9624, 0.4335, 0.3387
Android (android.graphics.Color)	4294939530 (0xFFFF938A)
YUV	178.2660, -19.8511, 67.2957
Hunter-Lab	66.3041, 35.4307, 19.9754

Details

The XYZ color **56.2612, 43.9624, 29.5651** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4854, 78.5313, 106.5251**, and the grayscale version is **42.5358, 44.7510, 48.7338**.

A 20% lighter version of the original color is **71.7645, 67.2626, 58.4908**, and **28.2698, 20.3121, 11.6632** is the 20% darker color. If you saturate the color by 10%, you get **51.3340, 36.7238, 19.8588**, and if you desaturate by 10%, it is **62.3728, 52.8763, 41.8050**.

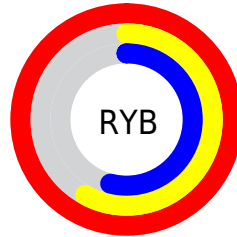
Distribution



Red (100%)

Green (58%)

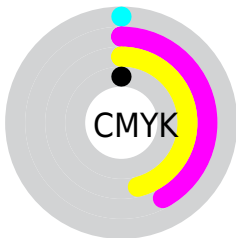
Blue (54%)



Red (100%)

Yellow (58%)

Blue (54%)

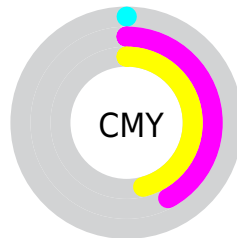


Cyan (0%)

Magenta (42%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2612, 43.9624, 29.5651 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 56.2612, 43.9624, 29.5651 by changing the saturation by 10% instead.


 56.2612, 43.9624,
29.5651

 56.2612, 43.9624,
29.5651


400.7342,
362.5548, 314.0160


 40.6502, 30.6410,
19.2595


 98.5240, 81.1612,
60.0266

 28.2323, 20.3256,
11.6792


 125.9065,
105.8073, 81.0195

 18.6422, 12.6319,
6.4058


 157.9435,
134.9970, 106.4120

 11.5145, 7.1756,
3.0206

195.0004,
169.1149, 136.6225

 6.4839, 3.5722,
1.1052

237.4426,
208.5452, 172.0696

 3.1849, 1.4372,
0.0000

285.6354,

 1.2523, 0.2439,

253.6723, 213.1719

0.0000

339.9441,
304.8808, 260.3478

■ 0.1471, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2612, 43.9624,
29.5651

■ 56.2612, 43.9624,
29.5651

■ 51.3340, 36.7238,
19.8588

■ 62.3728, 52.8763,
41.8050

■ 47.5110, 31.0496,
12.5062

■ 69.7353, 63.5540,
56.7365

■ 44.7076, 26.8259,
7.3076

■ 78.4143, 76.0859,
74.5076

■ 42.8251, 23.9207,
4.0292

■ 88.4697, 90.5542,
95.2549

■ 41.7448, 22.1776, 95.0500, 100.0000,
2.3822 108.9000

■ 41.4836, 21.7473,
2.0112

Harmonies

Analogous

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



58.6969, 43.9624, 48.1262



56.2612, 43.9624, 29.5651



49.8508, 43.9624, 19.4917

Triad

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



56.2612, 43.9624, 29.5651



30.1052, 43.9624, 29.2419



41.6949, 43.9624, 105.1345

Complementary

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



56.2612, 43.9624, 29.5651



61.4854, 78.5313, 106.5251

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.



34.6398, 43.9624, 95.4797



56.2612, 43.9624, 29.5651



28.4802, 43.9624, 47.6098

Square

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



56.2612, 43.9624, 29.5651



34.7777, 43.9624, 19.3502



30.0328, 43.9624, 72.4933



49.6753, 43.9624, 95.8894

Rectangle

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



56.2612, 43.9624, 29.5651



44.5433, 43.9624, 16.7725



30.0328, 43.9624, 72.4933



39.1429, 43.9624, 103.9577

Sweetspot

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



56.2623, 43.9646, 29.5659



80.1997, 78.6583, 78.1807



67.1480, 46.1651, 93.5292



16.7288, 16.2061, 15.8344



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.



56.2623, 43.9646, 29.5659



51.7230, 37.2978, 20.6174



67.4919, 66.4237, 33.3091



18.1217, 18.2115, 18.7044



21.7157, 11.4426, 1.0641



2.1514, 1.1881, 0.1159

Inverse Universe

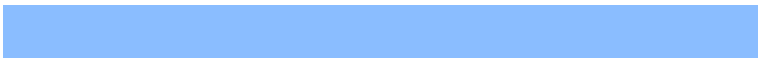
The Inverse Universe completely reimagines the original color for something new.



61.4854, 78.5313, 106.5251



57.4996, 75.6724, 106.1834



46.6647, 48.8899, 101.5848



18.4282, 20.2280, 23.1831



25.0607, 35.0311, 54.8754



2.4742, 3.4791, 5.3544

Previews

White Background



This preview shows how the XYZ color 56.2612, 43.9624, 29.5651 looks on a white background.

Color Contrast Check

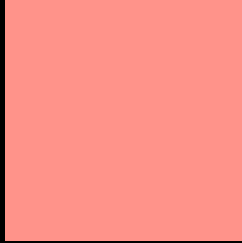
Large Text (above 18pt) WCAG AA × Fail

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 56.2612, 43.9624, 29.5651 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 56.2612, 43.9624, 29.5651

Background



This preview shows how black text looks on a background with the XYZ color 56.2612, 43.9624, 29.5651.



This preview shows how white text looks on a background with the XYZ color 56.2612, 43.9624,

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

56.2612, 43.9624, 29.5651

Protanopia

41.6393, 44.1504, 36.0330

Deuteranopia

44.9723, 44.0260, 28.6818



Tritanopia

57.3661, 43.9111, 36.9047

Trichromacy



Original Color

56.2612, 43.9624, 29.5651

Protanomaly

45.7666, 43.2279, 33.5354

Deuteranomaly

48.6575, 43.7587, 28.8034

Tritanomaly

56.9437, 43.9877, 33.9230

Monochromacy



Original Color

56.2612, 43.9624, 29.5651

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.8832, 43.4036, 40.6098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2612, 43.9624, 29.5651 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, 147, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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, 147, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.2612, 43.9624, 29.5651 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, 147, 138) }
```


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

```
.border{ border-color:rgb(255, 147, 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, 147, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2612, 43.9624, 29.5651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 138) }
```

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

```
.background{ background-color: rgb(255,  
147, 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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