

Converting Colors

XYZ(56.7292, 44.2322, 31.7748)

Have a look what the booklet for
XYZ(56.7292, 44.2322, 31.7748)
contains.

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Color

**XYZ(56.7078, 44.1411,
31.9168)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9390
RGB	255, 147, 144
RGB Percent	100%, 58%, 56%
CMY	0.0000, 0.4235, 0.4353
CMYK	0.00, 0.42, 0.44, 0.00
HSL	2°, 100%, 78%
HSV	2°, 44%, 100%
XYZ	56.7078, 44.1411, 31.9168
YIQ	178.9500, 65.3310, 21.9630

Conversions

Conversions Part 2

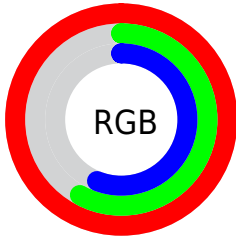
Format	Color
R_{YB}	255, 147, 144
Decimal	16749456
CIE _{Lab}	72.32, 40.22, 19.42
CIE _{LCh}	72, 44.668, 25.776
Yxy	44.1411, 0.4271, 0.3325
Android (android.graphics.Color)	4294939536 (0xFFFF9390)
YUV	178.9500, -17.2303, 66.6959
Hunter-Lab	66.4388, 36.0881, 18.0246

Details

The XYZ color **56.7078, 44.1411, 31.9168** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3602, 82.7662, 107.1910**, and the grayscale version is **42.8868, 45.1203, 49.1360**.

A 20% lighter version of the original color is **72.5536, 67.5783, 62.6460**, and **28.5288, 20.4157, 13.0267** is the 20% darker color. If you saturate the color by 10%, you get **51.5237, 36.5477, 21.6349**, and if you desaturate by 10%, it is **63.1662, 53.5787, 44.7957**.

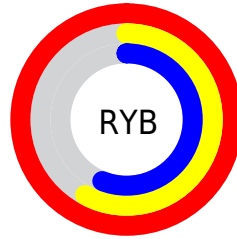
Distribution



Red (100%)

Green (58%)

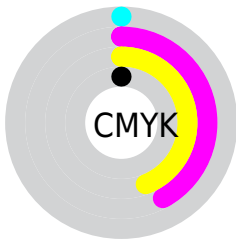
Blue (56%)



Red (100%)

Yellow (58%)

Blue (56%)

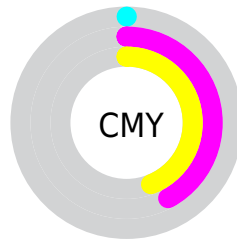


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7078, 44.1411, 31.9168 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 56.7078, 44.1411, 31.9168 by changing the saturation by 10% instead.


 56.7078, 44.1411,
31.9168

 56.7078, 44.1411,
31.9168


402.3854,
363.2838, 325.2211

 41.0099, 30.7815,
21.0337

 99.1725, 81.4300,
63.7770

 28.5145, 20.4325,
12.9571


 126.6701,
106.1281, 85.5912

 18.8563, 12.7098,
7.2687


158.8316,
135.3744, 111.8861

 11.6699, 7.2290,
3.5497

196.0223,
169.5534, 143.0804

 6.5899, 3.6057,
1.3817

238.6077,
209.0494, 179.5924

 3.2510, 1.4556,
0.1274

286.9532,

 1.2879, 0.2571,

254.2469, 221.8409

0.0000

341.4239,
305.5302, 270.2443

■ 0.1741, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7078, 44.1411,
31.9168

■ 56.7078, 44.1411,
31.9168

■ 51.5237, 36.5477,
21.6349

■ 63.1662, 53.5787,
44.7957

■ 47.5265, 30.6717,
13.7715

■ 70.9718, 64.9630,
60.4289

■ 44.6232, 26.3812,
8.1295

■ 80.1963, 78.3970,
78.9639

■ 42.7055, 23.5223,
4.4800

■ 90.9049, 93.9744,
100.5373

■ 41.6429, 21.9101,
2.5443

95.0500, 100.0000,
108.9000

■ 41.3149, 21.4099,
1.9550

Harmonies

Analogous

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



58.4730, 44.1411, 51.2453



56.7078, 44.1411, 31.9168



50.8209, 44.1411, 20.8876

Triad

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



56.7078, 44.1411, 31.9168



30.8904, 44.1411, 27.9833



40.8764, 44.1411, 103.7830

Complementary

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



56.7078, 44.1411, 31.9168



64.3602, 82.7662, 107.1910

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.



34.1849, 44.1411, 92.1998



56.7078, 44.1411, 31.9168



28.8832, 44.1411, 45.0136

Square

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



56.7078, 44.1411, 31.9168



35.8551, 44.1411, 19.1507



30.0119, 44.1411, 68.8993



48.7098, 44.1411, 97.0937

Rectangle

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



56.7078, 44.1411, 31.9168



45.6891, 44.1411, 17.6170



30.0119, 44.1411, 68.8993



38.4297, 44.1411, 101.8211

Sweetspot

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



56.7089, 44.1433, 31.9176



80.7251, 79.1666, 80.0279



68.9669, 48.3082, 98.7432



16.8121, 16.2661, 16.1911



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.



56.7089, 44.1433, 31.9176



52.2374, 37.5945, 23.0458



67.2425, 65.2105, 35.4288



18.0488, 18.0658, 18.6801



21.6050, 11.2212, 1.0272



2.1169, 1.1191, 0.1044

Inverse Universe

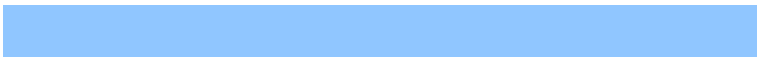
The Inverse Universe completely reimagines the original color for something new.



64.3602, 82.7662, 107.1910



60.7578, 80.6369, 106.9699



49.6661, 53.3780, 102.2929



18.5102, 20.3920, 23.2104



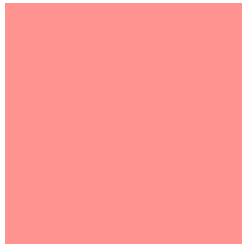
27.0053, 38.9201, 55.5236



2.6422, 3.8151, 5.4104

Previews

White Background



This preview shows how the XYZ color 56.7078, 44.1411, 31.9168 looks on a white background.

Color Contrast Check

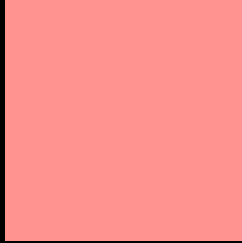
Large Text (above 18pt) WCAG AA × Fail

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 56.7078, 44.1411, 31.9168 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 56.7078, 44.1411, 31.9168

Background



This preview shows how black text looks on a background with the XYZ color 56.7078, 44.1411, 31.9168.



This preview shows how white text looks on a background with the XYZ color 56.7078, 44.1411,

31.9168.

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

56.7078, 44.1411, 31.9168

Protanopia

41.9877, 44.2618, 39.1313

Deuteranopia

45.3090, 44.4292, 30.9986



Tritanopia

57.5196, 44.2181, 36.9558

Trichromacy



Original Color

56.7078, 44.1411, 31.9168



Protanomaly

46.0473, 43.3072, 36.5040



Deuteranomaly

48.7794, 43.7713, 31.0771



Tritanomaly

57.1864, 44.0848, 35.2009

Monochromacy



Original Color

56.7078, 44.1411, 31.9168



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.4338, 43.6560, 42.0555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7078, 44.1411, 31.9168 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 144) }
```

Border

The CSS property to change the border of an element to XYZ 56.7078, 44.1411, 31.9168 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, 144) }
```


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

```
.border{ border-color:rgb(255, 147, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7078, 44.1411, 31.9168 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
147, 144) }
```

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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