

Converting Colors

XYZ(56.7453, 44.4454, 31.2223)

Have a look what the booklet for
XYZ(56.7453, 44.4454, 31.2223)
contains.

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Color

**XYZ(56.7124, 44.3928,
31.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	FF948E
RGB	255, 148, 142
RGB Percent	100%, 58%, 56%
CMY	0.0000, 0.4196, 0.4431
CMYK	0.00, 0.42, 0.44, 0.00
HSL	3°, 100%, 78%
HSV	3°, 44%, 100%
XYZ	56.7124, 44.3928, 31.1708
YIQ	179.3090, 65.6980, 20.8180

Conversions

Conversions Part 2

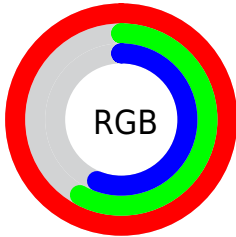
Format	Color
RYB	255, 148, 142
Decimal	16749710
CIELab	72.49, 39.51, 20.76
CIELCh	72, 44.633, 27.713
Yxy	44.3928, 0.4287, 0.3356
Android (android.graphics.Color)	4294939790 (0xFFFF948E)
YUV	179.3090, -18.3933, 66.3810
Hunter-Lab	66.6279, 35.3369, 18.9017

Details

The XYZ color **56.7124, 44.3928, 31.1708** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0793, 80.7185, 106.8632**, and the grayscale version is **43.0843, 45.3280, 49.3622**.

A 20% lighter version of the original color is **72.5597, 67.9574, 61.5173**, and **28.5297, 20.5592, 12.5899** is the 20% darker color. If you saturate the color by 10%, you get **51.6120, 36.9135, 21.0810**, and if you desaturate by 10%, it is **63.0428, 53.6314, 43.8318**.

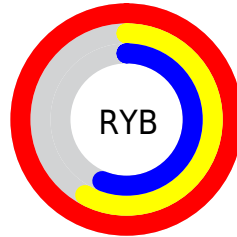
Distribution



Red (100%)

Green (58%)

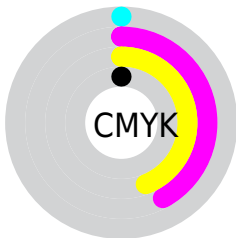
Blue (56%)



Red (100%)

Yellow (58%)

Blue (56%)

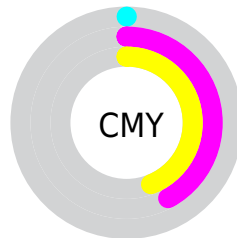


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7124, 44.3928, 31.1708 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 56.7124, 44.3928, 31.1708 by changing the saturation by 10% instead.


 56.7124, 44.3928,
31.1708

 56.7124, 44.3928,
31.1708


402.4024,
364.3088, 321.7000

 41.0136, 30.9794,
20.4694


 99.1792, 81.8085,
62.5916

 28.5174, 20.5832,
12.5492


 126.6779,
106.5796, 84.1481

 18.8585, 12.8197,
6.9918


158.8407,
135.9054, 110.1600

 11.6715, 7.3045,
3.3786

196.0328,
170.1703, 141.0459

 6.5910, 3.6532,
1.2911

238.6197,
209.7587, 177.2243

 3.2517, 1.4815,
0.0545

286.9667,

 1.2882, 0.2757,

255.0550, 219.1137

0.0000

341.4391,
306.4435, 267.1328

■ 0.1744, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7124, 44.3928,
31.1708

■ 56.7124, 44.3928,
31.1708

■ 51.6120, 36.9135,
21.0810

■ 63.0428, 53.6314,
43.8318

■ 47.6585, 31.0756,
13.3841

■ 70.6726, 64.7240,
59.2209

■ 44.7638, 26.7577,
7.8829

■ 79.6696, 77.7664,
77.4854

■ 42.8256, 23.8184,
4.3479

■ 90.0964, 92.8461,
98.7614

■ 41.7211, 22.0900, 95.0499, 100.0000,
2.4984 108.9000

■ 41.3910, 21.5622,
1.9804

Harmonies

Analogous

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



58.7923, 44.3928, 50.0489



56.7124, 44.3928, 31.1708



50.6110, 44.3928, 20.6121

Triad

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



56.7124, 44.3928, 31.1708



30.8699, 44.3928, 29.0330



41.6057, 44.3928, 104.3207

Complementary

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



56.7124, 44.3928, 31.1708



63.0793, 80.7185, 106.8632

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.



34.7662, 44.3928, 93.7982



56.7124, 44.3928, 31.1708



29.0567, 44.3928, 46.6630

Square

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



56.7124, 44.3928, 31.1708



35.6738, 44.3928, 19.6679



30.3925, 44.3928, 70.8692



49.4639, 44.3928, 96.4567

Rectangle

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



56.7124, 44.3928, 31.1708



45.4253, 44.3928, 17.6060



30.3925, 44.3928, 70.8692



39.1197, 44.3928, 102.7621

Sweetspot

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



56.7135, 44.3950, 31.1716



80.9562, 79.6288, 80.1049



68.0666, 47.4677, 95.4836



16.8682, 16.3782, 16.2098



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.



56.7135, 44.3950, 31.1716



52.2147, 37.7998, 22.2657



67.7511, 66.4703, 34.8508



18.0868, 18.1418, 18.6928



21.6591, 11.3295, 1.0452



2.1349, 1.1552, 0.1105

Inverse Universe

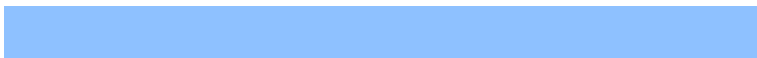
The Inverse Universe completely reimagines the original color for something new.



63.0793, 80.7185, 106.8632



59.2860, 78.2245, 106.5819



48.2425, 51.0448, 101.9176



18.4673, 20.3062, 23.1961



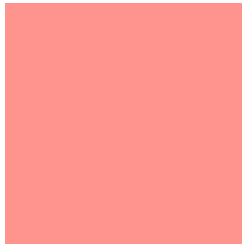
25.9727, 36.8549, 55.1794



2.5532, 3.6371, 5.3807

Previews

White Background



This preview shows how the XYZ color 56.7124, 44.3928, 31.1708 looks on a white background.

Color Contrast Check

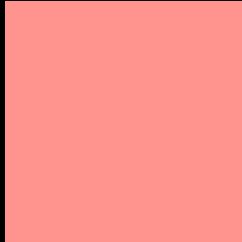
Large Text (above 18pt) WCAG AA × Fail

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 56.7124, 44.3928, 31.1708 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 56.7124, 44.3928, 31.1708

Background



This preview shows how black text looks on a background with the XYZ color 56.7124, 44.3928, 31.1708.



This preview shows how white text looks on a background with the XYZ color 56.7124, 44.3928,

31.1708.

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

56.7124, 44.3928, 31.1708

Protanopia

42.1708, 44.6802, 37.8540

Deuteranopia

45.4449, 44.5161, 30.2420



Tritanopia

57.6047, 44.2521, 37.4037

Trichromacy



Original Color

56.7124, 44.3928, 31.1708

Protanomaly

46.2686, 43.7207, 35.2785

Deuteranomaly

49.1214, 44.2272, 30.3738

Tritanomaly

57.3412, 44.3944, 35.2525

Monochromacy



Original Color

56.7124, 44.3928, 31.1708

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

46.6177, 44.0238, 42.1168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7124, 44.3928, 31.1708 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, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 142)  
}
```

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, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 142) }
```

Border

The CSS property to change the border of an element to XYZ 56.7124, 44.3928, 31.1708 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, 148, 142) }
```


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

```
.border{ border-color:rgb(255, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7124, 44.3928, 31.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 142) }
```

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

```
.background{ background-color: rgb(255,  
148, 142) }
```

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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