

Converting Colors

XYZ(56.5888, 44.1843, 31.0105)

Have a look what the booklet for
XYZ(56.5888, 44.1843, 31.0105)
contains.

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Color

**XYZ(56.5562, 44.0804,
31.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	FF938E
RGB	255, 147, 142
RGB Percent	100%, 58%, 56%
CMY	0.0000, 0.4235, 0.4431
CMYK	0.00, 0.42, 0.44, 0.00
HSL	3°, 100%, 78%
HSV	3°, 44%, 100%
XYZ	56.5562, 44.0804, 31.1187
YIQ	178.7220, 65.9730, 21.3410

Conversions

Conversions Part 2

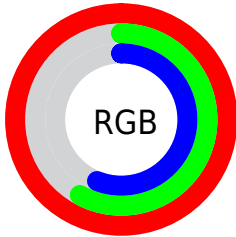
Format	Color
R_{YB}	255, 147, 142
Decimal	16749454
CIE _{Lab}	72.28, 40.02, 20.47
CIE _{LCh}	72, 44.954, 27.089
Yxy	44.0804, 0.4293, 0.3346
Android (android.graphics.Color)	4294939534 (0xFFFF938E)
YUV	178.7220, -18.1039, 66.8958
Hunter-Lab	66.3931, 35.8654, 18.6857

Details

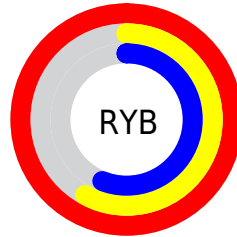
The XYZ color **56.5562, 44.0804, 31.1187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3892, 81.3383, 106.9665**, and the grayscale version is **42.7696, 44.9969, 49.0017**.

A 20% lighter version of the original color is **72.3243, 67.4866, 61.4389**, and **28.4401, 20.3802, 12.5600** is the 20% darker color. If you saturate the color by 10%, you get **51.4595, 36.6086, 21.0302**, and if you desaturate by 10%, it is **62.8957, 53.3372, 43.7827**.

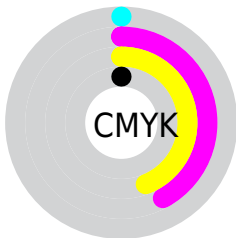
Distribution



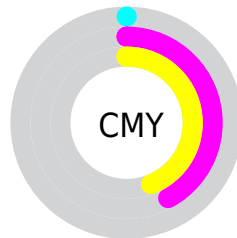
- Red (100%)
- Green (58%)
- Blue (56%)



- 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 56.5562, 44.0804, 31.1187 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 56.5562, 44.0804, 31.1187 by changing the saturation by 10% instead.

 56.5562, 44.0804,
31.1187


 56.5562, 44.0804,
31.1187


401.8254,
363.0363, 321.4529


 40.8878, 30.7337,
20.4300


 98.9524, 81.3387,
62.5087

 28.4187, 20.3962,
12.5208


 126.4110,
106.0191, 84.0471

 18.7836, 12.6833,
6.9726


 158.5303,
135.2463, 110.0391

 11.6171, 7.2109,
3.3668

195.6756,
169.4045, 140.9033

 6.5538, 3.5943,
1.2848

238.2125,
208.8782, 177.0583

 3.2285, 1.4493,
0.0493

286.5062,

 1.2757, 0.2527,

254.0518, 218.9225

0.0000

340.9220,
305.3097, 266.9145

■ 0.1649, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5562, 44.0804,
31.1187

■ 56.5562, 44.0804,
31.1187

■ 51.4595, 36.6086,
21.0302

■ 62.8957, 53.3372,
43.7827

■ 47.5210, 30.8006,
13.3383

■ 70.5488, 64.4764,
59.1796

■ 44.6505, 26.5312,
7.8452

■ 79.5847, 77.5966,
77.4570

■ 42.7434, 23.6540,
4.3204

■ 90.0670, 92.7873,
98.7515

■ 41.6736, 21.9950, 95.0499, 100.0000,
2.4825 108.9000

■ 41.3630, 21.5062,
1.9710

Harmonies

Analogous

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



58.5452, 44.0804, 50.1885



56.5562, 44.0804, 31.1187



50.4940, 44.0804, 20.4153

Triad

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



56.5562, 44.0804, 31.1187



30.6268, 44.0804, 28.3996



41.1475, 44.0804, 104.2260

Complementary

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



56.5562, 44.0804, 31.1187



63.3892, 81.3383, 106.9665

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.



34.3360, 44.0804, 93.2805



56.5562, 44.0804, 31.1187



28.7483, 44.0804, 45.8685

Square

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



56.5562, 44.0804, 31.1187



35.4926, 44.0804, 19.2179



30.0189, 44.0804, 70.0822



49.0291, 44.0804, 96.6848

Rectangle

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



56.5562, 44.0804, 31.1187



45.3033, 44.0804, 17.3330



30.0189, 44.0804, 70.0822



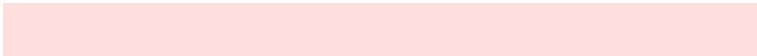
38.6661, 44.0804, 102.5244

Sweetspot

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



56.5573, 44.0826, 31.1195



80.8776, 79.4716, 80.0787



68.3625, 47.5861, 97.0416



16.8491, 16.3401, 16.2034



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.



56.5573, 44.0826, 31.1195



52.0611, 37.4926, 22.2145



67.3058, 65.5795, 34.7023



18.0739, 18.1160, 18.6885



21.6408, 11.2927, 1.0391



2.1288, 1.1429, 0.1084

Inverse Universe

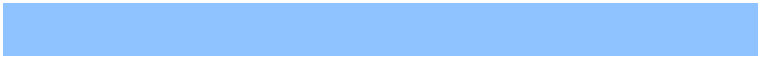
The Inverse Universe completely reimagines the original color for something new.



63.3892, 81.3383, 106.9665



59.6546, 78.9616, 106.7047



48.6610, 51.8819, 102.0571



18.4818, 20.3353, 23.2010



26.3191, 37.5478, 55.2949



2.5831, 3.6969, 5.3907

Previews

White Background



This preview shows how the XYZ color 56.5562, 44.0804, 31.1187 looks on a white background.

Color Contrast Check

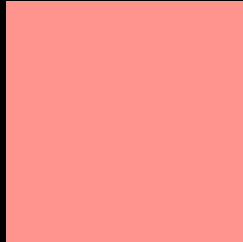
Large Text (above 18pt) WCAG AA × Fail

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 56.5562, 44.0804, 31.1187 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 56.5562, 44.0804, 31.1187

Background



This preview shows how black text looks on a background with the XYZ color 56.5562, 44.0804, 31.1187.



This preview shows how white text looks on a background with the XYZ color 56.5562, 44.0804,

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

56.5562, 44.0804, 31.1187

Protanopia

42.0576, 44.3177, 38.2358

Deuteranopia

45.1628, 44.3707, 30.2288



Tritanopia

57.5196, 44.2181, 36.9558

Trichromacy



Original Color

56.5562, 44.0804, 31.1187

Protanomaly

46.1677, 43.3883, 35.6472

Deuteranomaly

48.6319, 43.7123, 30.3002

Tritanomaly

57.1048, 44.0521, 34.7713

Monochromacy



Original Color

56.5562, 44.0804, 31.1187

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 56.5562, 44.0804, 31.1187 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 142) }
```

Border

The CSS property to change the border of an element to XYZ 56.5562, 44.0804, 31.1187 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, 142) }
```


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

```
.border{ border-color:rgb(255, 147, 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, 147, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5562, 44.0804, 31.1187 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, 142) }
```

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

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