

Converting Colors

XYZ(56.7425, 44.9827, 29.5478)

Have a look what the booklet for
XYZ(56.7425, 44.9827, 29.5478)
contains.

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Color

**XYZ(56.7338, 44.9077,
29.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	FF968A
RGB	255, 150, 138
RGB Percent	100%, 59%, 54%
CMY	0.0000, 0.4117, 0.4588
CMYK	0.00, 0.41, 0.46, 0.00
HSL	6°, 100%, 77%
HSV	6°, 46%, 100%
XYZ	56.7338, 44.9077, 29.7226
YIQ	180.0270, 66.4320, 18.5280

Conversions

Conversions Part 2

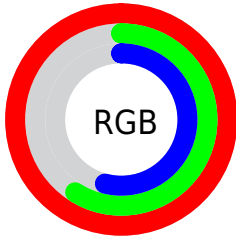
Format	Color
R_{YB}	255, 151, 138
Decimal	16750218
CIE _{Lab}	72.83, 38.10, 23.42
CIE _{LCh}	73, 44.719, 31.578
Yxy	44.9077, 0.4319, 0.3419
Android (android.graphics.Color)	4294940298 (0xFFFF968A)
YUV	180.0270, -20.7193, 65.7513
Hunter-Lab	67.0132, 33.8461, 20.6121

Details

The XYZ color **56.7338, 44.9077, 29.7226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5801, 76.7207, 106.2232**, and the grayscale version is **43.4808, 45.7452, 49.8166**.

A 20% lighter version of the original color is **72.4753, 68.6842, 58.7277**, and **28.5418, 20.8561, 11.7538** is the 20% darker color. If you saturate the color by 10%, you get **51.7979, 37.6518, 20.0134**, and if you desaturate by 10%, it is **62.8183, 53.7675, 41.9535**.

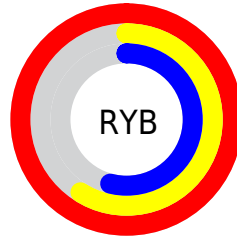
Distribution



Red (100%)

Green (59%)

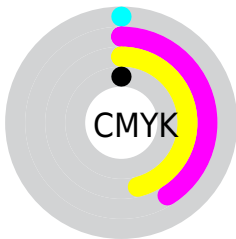
Blue (54%)



Red (100%)

Yellow (59%)

Blue (54%)

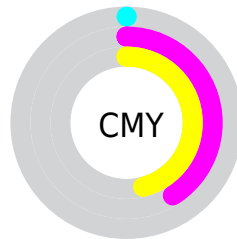


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7338, 44.9077, 29.7226 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 56.7338, 44.9077, 29.7226 by changing the saturation by 10% instead.


 56.7338, 44.9077,
29.7226


 56.7338, 44.9077,
29.7226


402.4814,
366.3996, 314.7762


 41.0309, 31.3847,
19.3779

 99.2103, 82.5819,
60.2790

 28.5310, 20.8920,
11.7641


 126.7145,
107.5019, 81.3278

 18.8688, 13.0451,
6.4626

 158.8832,
136.9897, 106.7816

 11.6790, 7.4596,
3.0551

196.0818,
171.4297, 137.0591

 6.5961, 3.7511,
1.1228

238.6755,
211.2063, 172.5788

 3.2549, 1.5354,
0.0000

287.0298,

 1.2899, 0.3134,

256.7039, 213.7592

0.0000

341.5100,
308.3069, 261.0188

■ 0.1757, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7338, 44.9077,
29.7226

■ 56.7338, 44.9077,
29.7226

■ 51.7979, 37.6518,
20.0134

■ 62.8183, 53.7675,
41.9535

■ 47.9348, 31.8973,
12.6474

■ 70.1143, 64.3120,
56.8628

■ 45.0648, 27.5404,
7.4267

■ 78.6837, 76.6249,
74.5974

■ 43.0954, 24.4615,
4.1193

■ 88.5837, 90.7822,
95.2928

■ 41.9160, 22.5201,
2.4393

95.0499, 99.9999,
108.9000

■ 41.6130, 22.0062,
2.0544

Harmonies

Analogous

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



59.4461, 44.9077, 47.7266



56.7338, 44.9077, 29.7226



50.2044, 44.9077, 20.0735

Triad

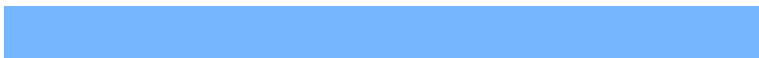
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7338, 44.9077, 29.7226



30.8355, 44.9077, 31.2131



43.0967, 44.9077, 105.4229

Complementary

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



56.7338, 44.9077, 29.7226



60.5801, 76.7207, 106.2232

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.



35.9538, 44.9077, 97.0655



56.7338, 44.9077, 29.7226



29.4113, 44.9077, 50.0861

Square

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



56.7338, 44.9077, 29.7226



35.3211, 44.9077, 20.7322



31.1684, 44.9077, 74.9298



51.0036, 44.9077, 95.2140

Rectangle

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



56.7338, 44.9077, 29.7226



44.9114, 44.9077, 17.5874



31.1684, 44.9077, 74.9298



40.5304, 44.9077, 104.6810

Sweetspot

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



56.7349, 44.9100, 29.7234



80.4436, 79.1461, 78.2620



66.5515, 45.9264, 90.3887



16.7872, 16.3230, 15.8539



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.



56.7349, 44.9100, 29.7234



52.1891, 38.2300, 20.7728



68.4322, 68.3044, 33.6225



18.1593, 18.2868, 18.7169



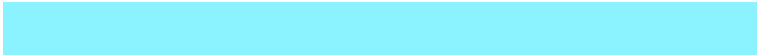
21.7924, 11.5960, 1.0897



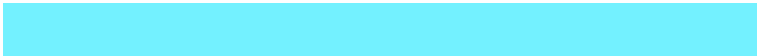
2.1691, 1.2236, 0.1219

Inverse Universe

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



60.5801, 76.7207, 106.2232



56.4268, 73.5266, 105.8258



45.8387, 47.2379, 101.3094



18.3862, 20.1441, 23.1691



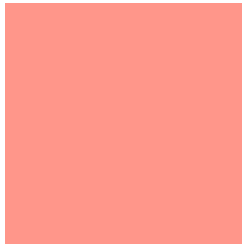
24.1127, 33.1349, 54.5594



2.3918, 3.3142, 5.3269

Previews

White Background



This preview shows how the XYZ color 56.7338, 44.9077, 29.7226 looks on a white background.

Color Contrast Check

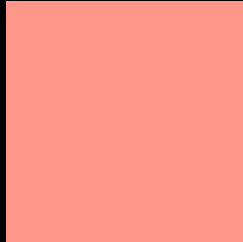
Large Text (above 18pt) WCAG AA × Fail

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 56.7338, 44.9077, 29.7226 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 56.7338, 44.9077, 29.7226

Background



This preview shows how black text looks on a background with the XYZ color 56.7338, 44.9077, 29.7226.



This preview shows how white text looks on a background with the XYZ color 56.7338, 44.9077,

29.7226.

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

56.7338, 44.9077, 29.7226

Protanopia

42.7739, 45.3260, 36.2001

Deuteranopia

45.9196, 45.0752, 28.8344



Tritanopia

58.0015, 44.9084, 37.9589

Trichromacy



Original Color

56.7338, 44.9077, 29.7226

Protanomaly

46.7097, 44.2580, 33.6845

Deuteranomaly

49.3272, 44.6311, 28.9365

Tritanomaly

57.5734, 44.9893, 34.9275

Monochromacy



Original Color

56.7338, 44.9077, 29.7226

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.7116, 44.3579, 41.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7338, 44.9077, 29.7226 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, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.7338, 44.9077, 29.7226 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, 150, 138) }
```


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

```
.border{ border-color:rgb(255, 150, 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, 150, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7338, 44.9077, 29.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 138) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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