

Converting Colors

XYZ(64.7867, 48.4848, 31.2124)

Have a look what the booklet for
XYZ(64.7867, 48.4848, 31.2124)
contains.

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Color

**XYZ(56.6376, 44.3629,
30.7771)**

Conversions

Conversions Part 1

Format	Color
Hex	FF948D
RGB	255, 148, 141
RGB Percent	100%, 58%, 55%
CMY	0.0000, 0.4196, 0.4471
CMYK	0.00, 0.42, 0.45, 0.00
HSL	4°, 100%, 78%
HSV	4°, 45%, 100%
XYZ	56.6376, 44.3629, 30.7771
YIQ	179.1950, 66.0190, 20.5070

Conversions

Conversions Part 2

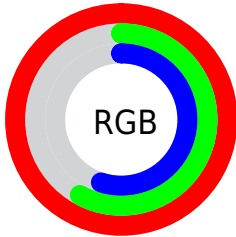
Format	Color
R _Y B	255, 148, 141
Decimal	16749709
CIE Lab	72.47, 39.41, 21.28
CIE LCh	72, 44.791, 28.364
Yxy	44.3629, 0.4298, 0.3366
Android (android.graphics.Color)	4294939789 (0xFFFF948D)
YUV	179.1950, -18.8301, 66.4810
Hunter-Lab	66.6055, 35.2269, 19.2271

Details

The XYZ color **56.6376, 44.3629, 30.7771** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6001, 80.0137, 106.7523**, and the grayscale version is **43.0255, 45.2662, 49.2949**.

A 20% lighter version of the original color is **72.4463, 67.9120, 60.9198**, and **28.4862, 20.5419, 12.3611** is the 20% darker color. If you saturate the color by 10%, you get **51.5803, 36.9433, 20.7835**, and if you desaturate by 10%, it is **62.9100, 53.5138, 43.3314**.

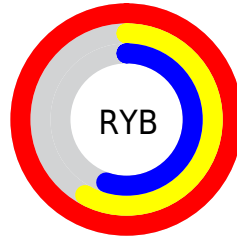
Distribution



Red (100%)

Green (58%)

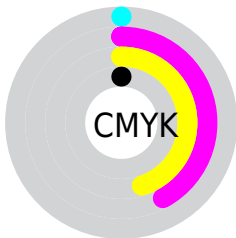
Blue (55%)



Red (100%)

Yellow (58%)

Blue (55%)

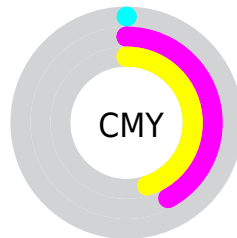


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6376, 44.3629, 30.7771 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 56.6376, 44.3629, 30.7771 by changing the saturation by 10% instead.


 56.6376, 44.3629,
30.7771

 56.6376, 44.3629,
30.7771


402.1261,
364.1871, 319.8294


 40.9534, 30.9559,
20.1721

 99.0706, 81.7635,
61.9644

 28.4702, 20.5653,
12.3349


 126.5501,
106.5260, 83.3839

 18.8226, 12.8066,
6.8469


 158.6921,
135.8424, 109.2452

 11.6454, 7.2955,
3.2895

195.8618,
170.0971, 139.9670

 6.5732, 3.6476,
1.2443

238.4248,
209.6745, 175.9678

 3.2406, 1.4784,
0.0155

286.7462,

 1.2822, 0.2735,

254.9591, 217.6661

0.0000

341.1915,
306.3351, 265.4805

■ 0.1699, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6376, 44.3629,
30.7771

■ 56.6376, 44.3629,
30.7771

■ 51.5803, 36.9433,
20.7835

■ 62.9100, 53.5138,
43.3314

■ 47.6562, 31.1397,
13.1720

■ 70.4657, 64.4883,
58.6034

■ 44.7785, 26.8335,
7.7449

■ 79.3718, 77.3803,
76.7405

■ 42.8465, 23.8871,
4.2720

■ 89.6898, 92.2752,
97.8786

■ 41.7392, 22.1372,
2.4709

95.0499, 99.9999,
108.9000

■ 41.4203, 21.6209,
1.9901

Harmonies

Analogous

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



58.8295, 44.3629, 49.5284



56.6376, 44.3629, 30.7771



50.4488, 44.3629, 20.3775

Triad

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



56.6376, 44.3629, 30.7771



30.7384, 44.3629, 29.2456



41.7430, 44.3629, 104.5448

Complementary

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



56.6376, 44.3629, 30.7771



62.6001, 80.0137, 106.7523

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.



34.8427, 44.3629, 94.3449



56.6376, 44.3629, 30.7771



28.9892, 44.3629, 47.0993

Square

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



56.6376, 44.3629, 30.7771



35.4935, 44.3629, 19.7019



30.3962, 44.3629, 71.4705



49.6255, 44.3629, 96.2553

Rectangle

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



56.6376, 44.3629, 30.7771



45.2338, 44.3629, 17.4637



30.3962, 44.3629, 71.4705



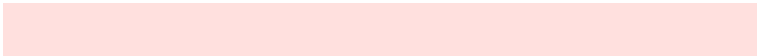
39.2394, 44.3629, 103.1173

Sweetspot

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



56.6387, 44.3651, 30.7779



81.0301, 79.7766, 80.1296



67.9106, 47.1683, 95.3930



16.8861, 16.4140, 16.2158



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.



56.6387, 44.3651, 30.7779



51.8991, 37.4125, 21.4082



67.5694, 66.2265, 34.4215



18.0990, 18.1661, 18.6968



21.6773, 11.3658, 1.0513



2.1407, 1.1667, 0.1124

Inverse Universe

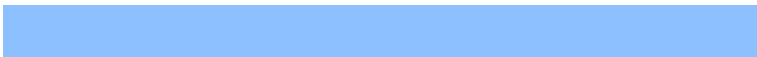
The Inverse Universe completely reimagines the original color for something new.



62.6001, 80.0137, 106.7523



58.5460, 77.2616, 106.4350



47.9504, 50.7142, 101.8690



18.4536, 20.2789, 23.1916



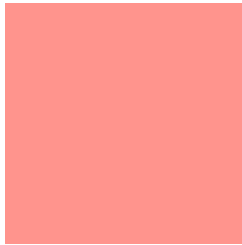
25.6513, 36.2121, 55.0723



2.5254, 3.5815, 5.3715

Previews

White Background



This preview shows how the XYZ color 56.6376, 44.3629, 30.7771 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 56.6376, 44.3629, 30.7771 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 56.6376, 44.3629, 30.7771

Background



This preview shows how black text looks on a background with the XYZ color 56.6376, 44.3629, 30.7771.



This preview shows how white text looks on a background with the XYZ color 56.6376, 44.3629,

30.7771.

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

56.6376, 44.3629, 30.7771

Protanopia

42.3303, 44.7721, 37.4212

Deuteranopia

45.3728, 44.4873, 29.8624



Tritanopia

57.6047, 44.2521, 37.4037

Trichromacy



Original Color

56.6376, 44.3629, 30.7771

Protanomaly

46.4751, 43.8365, 34.8659

Deuteranomaly

49.0487, 44.1981, 29.9907

Tritanomaly

57.2596, 44.3618, 34.8229

Monochromacy



Original Color

56.6376, 44.3629, 30.7771

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

46.5263, 43.9873, 41.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6376, 44.3629, 30.7771 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 56.6376, 44.3629, 30.7771 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, 141) }
```


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

```
.border{ border-color:rgb(255, 148, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6376, 44.3629, 30.7771 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
148, 141) }
```

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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