

Converting Colors

XYZ(56.5616, 44.4677, 29.9600)

Have a look what the booklet for
XYZ(56.5616, 44.4677, 29.9600)
contains.

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Color

**XYZ(56.6476, 44.6190,
30.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	FF958B
RGB	255, 149, 139
RGB Percent	100%, 58%, 55%
CMY	0.0000, 0.4157, 0.4549
CMYK	0.00, 0.42, 0.45, 0.00
HSL	5°, 100%, 77%
HSV	5°, 45%, 100%
XYZ	56.6476, 44.6190, 30.0528
YIQ	179.5540, 66.3860, 19.3620

Conversions

Conversions Part 2

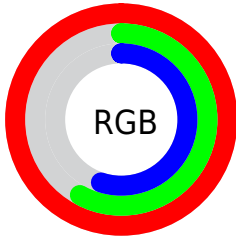
Format	Color
R _Y B	255, 150, 139
Decimal	16749963
CIE Lab	72.64, 38.71, 22.61
CIE LCh	73, 44.826, 30.291
Yxy	44.6190, 0.4314, 0.3398
Android (android.graphics.Color)	4294940043 (0xFFFF958B)
YUV	179.5540, -19.9931, 66.1661
Hunter-Lab	66.7975, 34.4814, 20.0831

Details

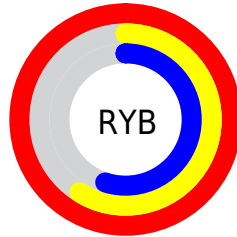
The XYZ color **56.6476, 44.6190, 30.0528** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.3480, 78.0099, 106.4314**, and the grayscale version is **43.2234, 45.4744, 49.5216**.

A 20% lighter version of the original color is **72.4585, 68.2960, 59.8155**, and **28.4917, 20.6891, 11.9429** is the 20% darker color. If you saturate the color by 10%, you get **51.6722, 37.3104, 20.2494**, and if you desaturate by 10%, it is **62.7972, 53.5807, 42.3921**.

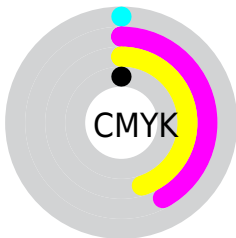
Distribution



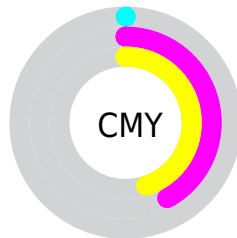
- Red (100%)
- Green (58%)
- Blue (55%)



- Red (100%)
- Yellow (59%)
- 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 56.6476, 44.6190, 30.0528 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 56.6476, 44.6190, 30.0528 by changing the saturation by 10% instead.


 56.6476, 44.6190,
30.0528

 56.6476, 44.6190,
30.0528


402.1631,
365.2283, 316.3655


 40.9614, 31.1574,
19.6263

 99.0851, 82.1484,
60.8077

 28.4765, 20.7188,
11.9423


 126.5672,
106.9850, 81.9731

 18.8274, 12.9186,
6.5823


 158.7119,
136.3821, 107.5552

 11.6489, 7.3725,
3.1278

195.8847,
170.7240, 137.9726

 6.5756, 3.6961,
1.1603

238.4508,
210.3952, 173.6438

 3.2421, 1.5051,
0.0000

286.7757,

 1.2830, 0.2923,

255.7801, 214.9873

0.0000

341.2247,
307.2630, 262.4217

■ 0.1705, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6476, 44.6190,
30.0528

■ 56.6476, 44.6190,
30.0528

■ 51.6722, 37.3104,
20.2494

■ 62.7972, 53.5807,
42.3921

■ 47.7928, 31.5474,
12.8031

■ 70.1858, 64.2809,
57.4241

■ 44.9268, 27.2206,
7.5161

■ 78.8777, 76.8072,
75.2961

■ 42.9786, 24.2031,
4.1568

■ 88.9314, 91.2394,
96.1437

■ 41.8334, 22.3457, 95.0498, 99.9999,
2.4403 108.9000

■ 41.5267, 21.8336,
2.0256

Harmonies

Analogous

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



59.1552, 44.6190, 48.3655



56.6476, 44.6190, 30.0528



50.2450, 44.6190, 20.1084

Triad

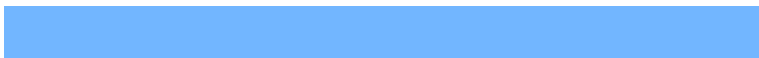
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6476, 44.6190, 30.0528



30.7206, 44.6190, 30.3269



42.4850, 44.6190, 105.0950

Complementary

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



56.6476, 44.6190, 30.0528



61.3480, 78.0099, 106.4314

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.



35.4333, 44.6190, 95.9746



56.6476, 44.6190, 30.0528



29.1652, 44.6190, 48.8002

Square

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



56.6476, 44.6190, 30.0528



35.3168, 44.6190, 20.2294



30.7818, 44.6190, 73.4923



50.3923, 44.6190, 95.6328

Rectangle

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



56.6476, 44.6190, 30.0528



44.9764, 44.6190, 17.4539



30.7818, 44.6190, 73.4923



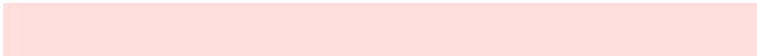
39.9413, 44.6190, 104.0752

Sweetspot

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



56.6487, 44.6213, 30.0536



80.2879, 78.8347, 78.2101



67.0049, 46.3384, 92.0656



16.7499, 16.2483, 15.8414



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.



56.6487, 44.6213, 30.0536



51.8899, 37.6316, 20.6731



68.1323, 67.5884, 33.8815



18.1353, 18.2388, 18.7089



21.7415, 11.4943, 1.0727



2.1578, 1.2010, 0.1181

Inverse Universe

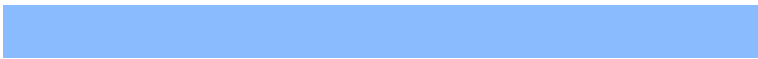
The Inverse Universe completely reimagines the original color for something new.



61.3480, 78.0099, 106.4314



57.1086, 74.8904, 106.0531



46.5388, 48.3915, 101.4950



18.4130, 20.1975, 23.1780



24.7134, 34.3363, 54.7596



2.4440, 3.4188, 5.3444

Previews

White Background



This preview shows how the XYZ color 56.6476, 44.6190, 30.0528 looks on a white background.

Color Contrast Check

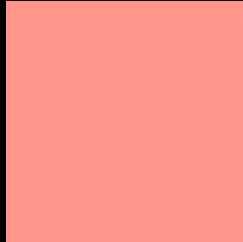
Large Text (above 18pt) WCAG AA × Fail

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 56.6476, 44.6190, 30.0528 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 56.6476, 44.6190, 30.0528

Background



This preview shows how black text looks on a background with the XYZ color 56.6476, 44.6190, 30.0528.



This preview shows how white text looks on a background with the XYZ color 56.6476, 44.6190,

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

56.6476, 44.6190, 30.0528

Protanopia

42.4092, 44.8321, 36.5552

Deuteranopia

45.5144, 44.5767, 29.1270



Tritanopia

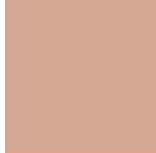
57.8453, 44.5961, 37.9069

Trichromacy



Original Color

56.6476, 44.6190, 30.0528



Protanomaly

46.3154, 43.7726, 34.0248



Deuteranomaly

48.9052, 44.1407, 29.2350



Tritanomaly

57.4158, 44.6742, 34.8750

Monochromacy



Original Color

56.6476, 44.6190, 30.0528



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 56.6476, 44.6190, 30.0528 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, 149, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 139)  
}
```

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, 149, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 139) }
```

Border

The CSS property to change the border of an element to XYZ 56.6476, 44.6190, 30.0528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

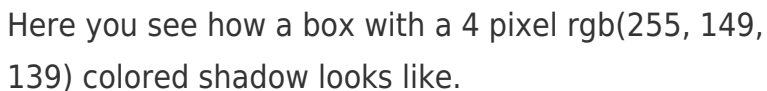
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 149, 139) }
```


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

```
.border{ border-color:rgb(255, 149, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 149, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 139); box-shadow:4px 4px 4px 4px rgb(255, 149, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6476, 44.6190, 30.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 139) }
```

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

```
.background{ background-color: rgb(255,  
149, 139) }
```

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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