

Converting Colors

XYZ(56.2229, 43.5768, 30.5056)

Have a look what the booklet for
XYZ(56.2229, 43.5768, 30.5056)
contains.

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Color

**XYZ(56.3266, 43.7409,
30.6734)**

Conversions

Conversions Part 1

Format	Color
Hex	FF928D
RGB	255, 146, 141
RGB Percent	100%, 57%, 55%
CMY	0.0000, 0.4274, 0.4471
CMYK	0.00, 0.43, 0.45, 0.00
HSL	3°, 100%, 78%
HSV	3°, 45%, 100%
XYZ	56.3266, 43.7409, 30.6734
YIQ	178.0210, 66.5690, 21.5530

Conversions

Conversions Part 2

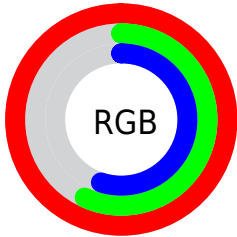
Format	Color
R _Y B	255, 146, 141
Decimal	16749197
CIE Lab	72.05, 40.43, 20.71
CIE LCh	72, 45.428, 27.123
Yxy	43.7409, 0.4308, 0.3346
Android (android.graphics.Color)	4294939277 (0xFFFF928D)
YUV	178.0210, -18.2514, 67.5106
Hunter-Lab	66.1369, 36.2829, 18.7979

Details

The XYZ color **56.3266, 43.7409, 30.6734** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2182, 81.2499, 106.9583**, and the grayscale version is **42.3981, 44.6061, 48.5760**.

A 20% lighter version of the original color is **71.9770, 66.9734, 60.7633**, and **28.3084, 20.1861, 12.3018** is the 20% darker color. If you saturate the color by 10%, you get **51.2772, 36.3370, 20.6824**, and if you desaturate by 10%, it is **62.6164, 52.9265, 43.2335**.

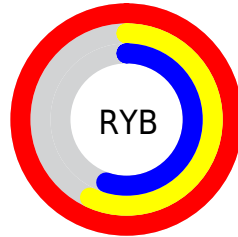
Distribution



Red (100%)

Green (57%)

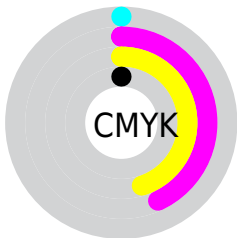
Blue (55%)



Red (100%)

Yellow (57%)

Blue (55%)

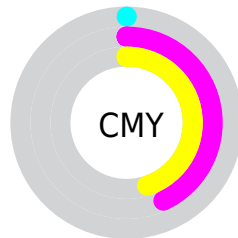


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3266, 43.7409, 30.6734 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 56.3266, 43.7409, 30.6734 by changing the saturation by 10% instead.


 56.3266, 43.7409,
30.6734

 56.3266, 43.7409,
30.6734


400.9763,
361.6499, 319.3353

 40.7029, 30.4669,
20.0939


 98.6190, 80.8277,
61.7990

 28.2736, 20.1932,
12.2786


 126.0183,
105.4093, 83.1823

 18.6735, 12.5356,
6.8089


 158.0736,
134.5288, 109.0038

 11.5372, 7.1095,
3.2662

195.1502,
168.5707, 139.6822

 6.4993, 3.5307,
1.2321

237.6134,
207.9194, 175.6360

 3.1945, 1.4147,
0.0052

285.8285,

 1.2575, 0.2275,

252.9592, 217.2838

0.0000

340.1610,
304.0746, 265.0440

■ 0.1510, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3266, 43.7409,
30.6734

■ 56.3266, 43.7409,
30.6734

■ 51.2772, 36.3370,
20.6824

■ 62.6164, 52.9265,
43.2335

■ 47.3830, 30.5933,
13.0809

■ 70.2175, 63.9919,
58.5206

■ 44.5534, 26.3835,
7.6699

■ 79.1997, 77.0360,
76.6830

■ 42.6831, 23.5604,
4.2175

■ 89.6265, 92.1487,
97.8575

■ 41.6446, 21.9480, 95.0499, 99.9999,
2.4394 108.9000

■ 41.3618, 21.5039,
1.9706

Harmonies

Analogous

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



58.3370, 43.7409, 49.8049



56.3266, 43.7409, 30.6734



50.2160, 43.7409, 19.9881

Triad

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



56.3266, 43.7409, 30.6734



30.2553, 43.7409, 27.9839



40.8295, 43.7409, 104.3573

Complementary

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



56.3266, 43.7409, 30.6734



63.2182, 81.2499, 106.9583

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.



33.9859, 43.7409, 93.3108



56.3266, 43.7409, 30.6734



28.3763, 43.7409, 45.5123

Square

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



56.3266, 43.7409, 30.6734



35.1333, 43.7409, 18.8091



29.6530, 43.7409, 69.8972



48.7582, 43.7409, 96.7116

Rectangle

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



56.3266, 43.7409, 30.6734



44.9909, 43.7409, 16.9239



29.6530, 43.7409, 69.8972



38.3354, 43.7409, 102.6437

Sweetspot

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



56.3277, 43.7431, 30.6742



80.8742, 79.4648, 80.0776



68.2090, 47.2877, 96.9644



16.8483, 16.3384, 16.2031



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.



56.3277, 43.7431, 30.6742



51.5947, 36.8036, 21.3067



67.1214, 65.3305, 34.2721



18.0733, 18.1148, 18.6883



21.6400, 11.2911, 1.0389



2.1285, 1.1424, 0.1083

Inverse Universe

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



63.2182, 81.2499, 106.9583



59.2876, 78.7450, 106.6823



48.3711, 51.5557, 102.0093



18.4825, 20.3366, 23.2012



26.3343, 37.5782, 55.2999



2.5844, 3.6995, 5.3911

Previews

White Background



This preview shows how the XYZ color 56.3266, 43.7409, 30.6734 looks on a white background.

Color Contrast Check

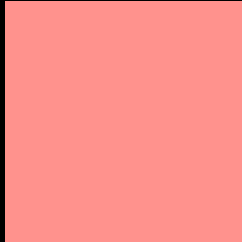
Large Text (above 18pt) WCAG AA × Fail

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 56.3266, 43.7409, 30.6734 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 56.3266, 43.7409, 30.6734

Background



This preview shows how black text looks on a background with the XYZ color 56.3266, 43.7409, 30.6734.



This preview shows how white text looks on a background with the XYZ color 56.3266, 43.7409,

30.6734.

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

56.3266, 43.7409, 30.6734

Protanopia

41.7305, 44.1589, 37.7766

Deuteranopia

44.9025, 43.9655, 29.7865



Tritanopia

57.2818, 43.8774, 36.4604

Trichromacy



Original Color

56.3266, 43.7409, 30.6734

Protanomaly

45.8005, 43.2084, 35.2043

Deuteranomaly

48.3837, 43.3323, 29.8586

Tritanomaly

56.8704, 43.7128, 34.2942

Monochromacy



Original Color

56.3266, 43.7409, 30.6734

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.8813, 43.1109, 41.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3266, 43.7409, 30.6734 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, 146, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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, 146, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 141) }
```

Border

The CSS property to change the border of an element to XYZ 56.3266, 43.7409, 30.6734 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, 146, 141) }
```


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

```
.border{ border-color:rgb(255, 146, 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, 146, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3266, 43.7409, 30.6734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 141) }
```

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

```
.background{ background-color: rgb(255,  
146, 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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