

Converting Colors

XYZ(56.2529, 43.6824, 30.3744)

Have a look what the booklet for
XYZ(56.2529, 43.6824, 30.3744)
contains.

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Color

**XYZ(56.2525, 43.7112,
30.2832)**

Conversions

Conversions Part 1

Format	Color
Hex	FF928C
RGB	255, 146, 140
RGB Percent	100%, 57%, 55%
CMY	0.0000, 0.4274, 0.4510
CMYK	0.00, 0.43, 0.45, 0.00
HSL	3°, 100%, 77%
HSV	3°, 45%, 100%
XYZ	56.2525, 43.7112, 30.2832
YIQ	177.9070, 66.8900, 21.2420

Conversions

Conversions Part 2

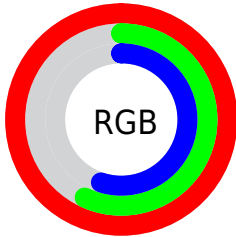
Format	Color
R _Y B	255, 146, 140
Decimal	16749196
CIE Lab	72.04, 40.33, 21.23
CIE LCh	72, 45.582, 27.765
Yxy	43.7112, 0.4319, 0.3356
Android (android.graphics.Color)	4294939276 (0xFFFF928C)
YUV	177.9070, -18.6882, 67.6106
Hunter-Lab	66.1144, 36.1738, 19.1228

Details

The XYZ color **56.2525, 43.7112, 30.2832** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7391, 80.5430, 106.8472**, and the grayscale version is **42.3398, 44.5448, 48.5092**.

A 20% lighter version of the original color is **71.8642, 66.9283, 60.1697**, and **28.2655, 20.1690, 12.0761** is the 20% darker color. If you saturate the color by 10%, you get **51.2456, 36.3659, 20.3879**, and if you desaturate by 10%, it is **62.4848, 52.8101, 42.7370**.

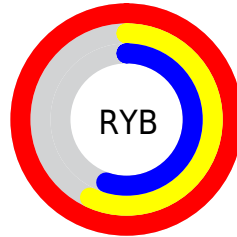
Distribution



Red (100%)

Green (57%)

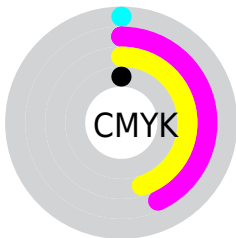
Blue (55%)



Red (100%)

Yellow (57%)

Blue (55%)

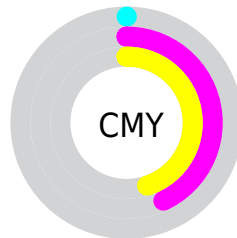


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2525, 43.7112, 30.2832 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 56.2525, 43.7112, 30.2832 by changing the saturation by 10% instead.


 56.2525, 43.7112,
30.2832


 56.2525, 43.7112,
30.2832


400.7020,
361.5285, 317.4706


 40.6432, 30.4435,
19.7998


 98.5113, 80.7830,
61.1760

 28.2268, 20.1755,
12.0669


 125.8916,
105.3559, 82.4225

 18.6380, 12.5227,
6.6662


 157.9262,
134.4660, 108.0938

 11.5115, 7.1007,
3.1790

194.9805,
168.4977, 138.6084

 6.4818, 3.5252,
1.1867

237.4199,
207.8354, 174.3848

 3.1836, 1.4117,
0.0000

285.6097,

 1.2516, 0.2253,

252.8635, 215.8416

0.0000

339.9153,
303.9664, 263.3974

■ 0.1465, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2525, 43.7112,
30.2832

■ 56.2525, 43.7112,
30.2832

■ 51.2456, 36.3659,
20.3879

■ 62.4848, 52.8101,
42.7370

■ 47.3801, 30.6551,
12.8713

■ 70.0123, 63.7583,
57.9074

■ 44.5669, 26.4559,
7.5340

■ 78.9038, 76.6524,
75.9426

■ 42.7021, 23.6246,
4.1432

■ 89.2220, 91.5806,
96.9795

■ 41.6606, 21.9901, 95.0499, 100.0000,
2.4129 108.9000

■ 41.3879, 21.5560,
1.9793

Harmonies

Analogous

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



58.3744, 43.7112, 49.2858



56.2525, 43.7112, 30.2832



50.0547, 43.7112, 19.7574

Triad

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



56.2525, 43.7112, 30.2832



30.1250, 43.7112, 28.1908



40.9651, 43.7112, 104.5836

Complementary

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



56.2525, 43.7112, 30.2832



62.7391, 80.5430, 106.8472

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.



34.0610, 43.7112, 93.8574



56.2525, 43.7112, 30.2832



28.3094, 43.7112, 45.9415

Square

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



56.2525, 43.7112, 30.2832



34.9545, 43.7112, 18.8415



29.6563, 43.7112, 70.4939



48.9185, 43.7112, 96.5115

Rectangle

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



56.2525, 43.7112, 30.2832



44.8005, 43.7112, 16.7846



29.6563, 43.7112, 70.4939



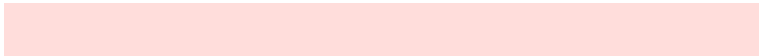
38.4534, 43.7112, 103.0007

Sweetspot

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



56.2536, 43.7134, 30.2840



79.9656, 78.1901, 78.1026



67.7560, 46.8716, 95.3030



16.6727, 16.0939, 15.8157



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.



56.2536, 43.7134, 30.2840



51.7380, 37.0903, 21.3545



67.3887, 65.9837, 33.9957



18.0855, 18.1391, 18.6923



21.6572, 11.3256, 1.0446



2.1343, 1.1539, 0.1102

Inverse Universe

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



62.7391, 80.5430, 106.8472



58.9350, 78.0397, 106.5647



47.6603, 50.3853, 101.8209



18.4688, 20.3092, 23.1966



26.0086, 36.9268, 55.1914



2.5563, 3.6433, 5.3818

Previews

White Background



This preview shows how the XYZ color 56.2525, 43.7112, 30.2832 looks on a white background.

Color Contrast Check

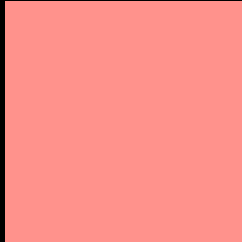
Large Text (above 18pt) WCAG AA × Fail

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 56.2525, 43.7112, 30.2832 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 56.2525, 43.7112, 30.2832

Background



This preview shows how black text looks on a background with the XYZ color 56.2525, 43.7112, 30.2832.



This preview shows how white text looks on a background with the XYZ color 56.2525, 43.7112,

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

56.2525, 43.7112, 30.2832

Protanopia

41.6461, 44.1251, 37.3324

Deuteranopia

44.8311, 43.9369, 29.4104



Tritanopia

57.1297, 43.5731, 36.4097

Trichromacy



Original Color

56.2525, 43.7112, 30.2832

Protanomaly

45.7196, 43.1761, 34.7783

Deuteranomaly

48.3116, 43.3034, 29.4790

Tritanomaly

56.8704, 43.7128, 34.2942

Monochromacy



Original Color

56.2525, 43.7112, 30.2832

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.7907, 43.0746, 41.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2525, 43.7112, 30.2832 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 56.2525, 43.7112, 30.2832 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, 140) }
```


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

```
.border{ border-color:rgb(255, 146, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2525, 43.7112, 30.2832 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
146, 140) }
```

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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