

# Converting Colors

XYZ(56.5979, 46.1325, 32.4956)

Have a look what the booklet for  
XYZ(56.5979, 46.1325, 32.4956)  
contains.

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# Color

**XYZ(56.7062, 46.2998,  
32.3336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB9C90
RGB	251, 156, 144
RGB Percent	98%, 61%, 56%
CMY	0.0157, 0.3882, 0.4353
CMYK	0.00, 0.38, 0.43, 0.02
HSL	7°, 93%, 77%
HSV	7°, 43%, 98%
XYZ	56.7062, 46.2998, 32.3336
YIQ	183.0370, 60.4720, 16.4080

# Conversions

## Conversions Part 2

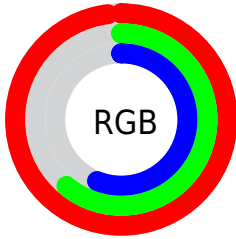
Format	Color
R <sub>Y</sub> B	251, 158, 144
Decimal	16489616
CIE Lab	73.74, 34.11, 21.29
CIE LCh	74, 40.211, 31.970
Yxy	46.2998, 0.4190, 0.3421
Android (android.graphics.Color)	4294679696 (0xFFFB9C90)
YUV	183.0370, -19.2452, 59.6036
Hunter-Lab	68.0440, 29.6807, 19.4569

# Details

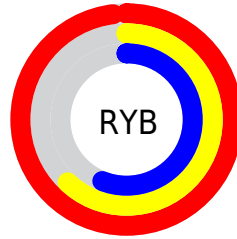
The XYZ color **56.7062, 46.2998, 32.3336** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7793, 74.6241, 102.5199**, and the grayscale version is **45.1102, 47.4594, 51.6833**.

A 20% lighter version of the original color is **74.7273, 71.9257, 63.3706**, and **28.6089, 21.7151, 13.2733** is the 20% darker color. If you saturate the color by 10%, you get **51.5944, 38.8125, 22.1940**, and if you desaturate by 10%, it is **62.9328, 55.3341, 44.9496**.

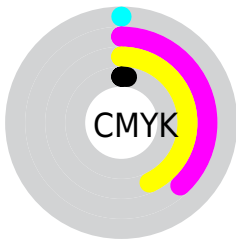
# Distribution



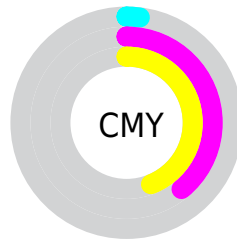
- Red (98%)
- Green (61%)
- Blue (56%)



- Red (98%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (2%)




- Cyan (2%)
- Magenta (39%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7062, 46.2998, 32.3336 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 56.7062, 46.2998, 32.3336 by changing the saturation by 10% instead.





 56.7062, 46.2998,  
32.3336

 56.7062, 46.2998,  
32.3336


402.3795,  
372.0126, 327.1755

 41.0086, 32.4825,  
21.3495


 99.1702, 84.6675,  
64.4377

 28.5135, 21.7303,  
13.1860


 126.6673,  
109.9866, 86.3947

 18.8555, 13.6588,  
7.4245


158.8284,  
139.9085, 112.8465

 11.6693, 7.8838,  
3.6465

196.0187,  
174.8175, 144.2116

 6.5895, 4.0207,  
1.4335

238.6036,  
215.0980, 180.9085

 3.2508, 1.6851,  
0.1676

286.9484,

 1.2877, 0.4140,

261.1345, 223.3558

0.0000

341.4186,  
313.3112, 271.9719

■ 0.1740, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.7062, 46.2998,  
32.3336

■ 56.7062, 46.2998,  
32.3336

■ 51.5944, 38.8125,  
22.1940

■ 62.9328, 55.3341,  
44.9496

■ 47.5276, 32.7788,  
14.3650

■ 70.3314, 65.9884,  
60.1877

■ 44.4339, 28.1059,  
8.6648

■ 78.9593, 78.3391,  
78.1853

■ 42.2303, 24.6872,  
4.8831

■ 88.8691, 92.4558,  
99.0696

■ 40.8197, 22.4001,  
2.7662

■ 93.5936, 99.2492,  
108.8318

■ 40.2027, 21.3475,  
2.0016

# Harmonies

## Analogous

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



59.1972, 46.2998, 49.0733



56.7062, 46.2998, 32.3336



50.7763, 46.2998, 23.0682

# Triad

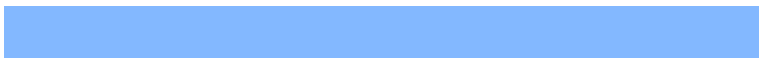
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7062, 46.2998, 32.3336



32.9697, 46.2998, 34.1058



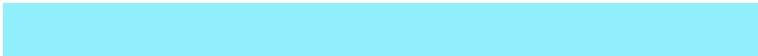
44.4801, 46.2998, 100.7814

# Complementary

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



56.7062, 46.2998, 32.3336



59.7793, 74.6241, 102.5199

# 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.



37.8670, 46.2998, 93.6758



56.7062, 46.2998, 32.3336



31.6660, 46.2998, 51.7761

# Square

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



56.7062, 46.2998, 32.3336



37.1325, 46.2998, 23.8800



33.3605, 46.2998, 74.2193



51.6807, 46.2998, 91.6481



# Rectangle

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



56.7062, 46.2998, 32.3336



45.9517, 46.2998, 20.6491



33.3605, 46.2998, 74.2193



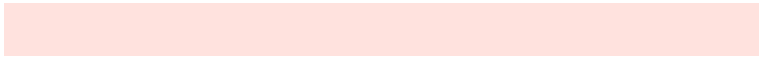
42.1172, 46.2998, 100.2078

# Sweetspot

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



56.7074, 46.3021, 32.3345



81.4842, 80.6848, 80.2809



65.5299, 46.7652, 88.2447



16.9964, 16.6346, 16.2525



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.



56.7074, 46.3021, 32.3345



54.2498, 41.3620, 24.5097



67.4225, 67.7324, 35.9062



17.4014, 17.5386, 17.9305



21.1833, 11.3232, 1.0691



2.0113, 1.1475, 0.1155



# Inverse Universe

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



59.7793, 74.6241, 102.5199



57.7805, 74.1369, 105.8722



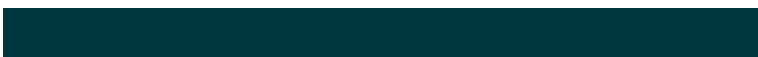
46.6425, 48.3506, 98.1410



17.5898, 19.2563, 22.1751



23.0683, 31.4922, 52.8363



2.1824, 3.0085, 4.9089



# Previews

## White Background



This preview shows how the XYZ color 56.7062, 46.2998, 32.3336 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

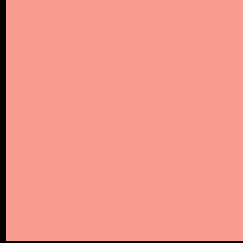
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.7062, 46.2998, 32.3336 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 56.7062, 46.2998, 32.3336**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.7062, 46.2998, 32.3336.



This preview shows how white text looks on a background with the XYZ color 56.7062, 46.2998,

32.3336.

# 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

56.7062, 46.2998, 32.3336

### Protanopia

44.0105, 46.5244, 38.1130

### Deuteranopia

47.3843, 46.3413, 31.6466



## Tritanopia

58.6001, 46.3454, 40.9790

# Trichromacy



## Original Color

56.7062, 46.2998, 32.3336



## Protanomaly

47.8606, 45.9182, 36.0463



## Deuteranomaly

50.3798, 45.9213, 31.7996



## Tritanomaly

57.7863, 46.2410, 37.7780

# Monochromacy



## Original Color

56.7062, 46.2998, 32.3336



## Achromatopsia

45.0092, 47.3531, 51.5676



## Achromatomaly

48.1174, 46.1616, 43.9101

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.7062, 46.2998, 32.3336 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(251, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(251, 156, 144)  
}
```

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(251, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 156, 144) }
```

## Border

The CSS property to change the border of an element to XYZ 56.7062, 46.2998, 32.3336 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(251, 156, 144) }
```



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

```
.border{ border-color:rgb(251, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(251, 156,  
144) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.7062, 46.2998, 32.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 156, 144) }
```

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

```
.background{ background-color: rgb(251,  
156, 144) }
```

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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