

# Converting Colors

XYZ(62.5621, 56.2656, 32.5861)

Have a look what the booklet for  
XYZ(62.5621, 56.2656, 32.5861)  
contains.

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# Color

**XYZ(62.5716, 56.2308,  
32.7551)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFB58D
RGB	255, 181, 141
RGB Percent	100%, 71%, 55%
CMY	0.0000, 0.2902, 0.4471
CMYK	0.00, 0.29, 0.45, 0.00
HSL	21°, 100%, 78%
HSV	21°, 45%, 100%
XYZ	62.5716, 56.2308, 32.7551
YIQ	198.5660, 56.9440, 3.2480

# Conversions

## Conversions Part 2

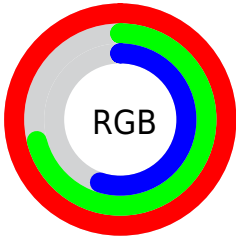
Format	Color
R <sub>Y</sub> B	255, 203, 141
Decimal	16758157
CIE Lab	79.74, 22.27, 31.07
CIE LCh	80, 38.223, 54.371
Yxy	56.2308, 0.4129, 0.3710
Android (android.graphics.Color)	4294948237 (0xFFFFB58D)
YUV	198.5660, -28.3800, 49.4926
Hunter-Lab	74.9872, 17.7182, 26.5926

# Details

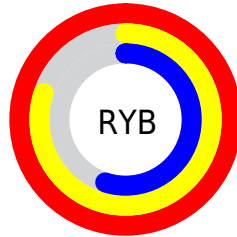
The XYZ color **62.5716, 56.2308, 32.7551** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3340, 61.4812, 103.6637**, and the grayscale version is **54.1656, 56.9865, 62.0583**.

A 20% lighter version of the original color is **81.3745, 85.7685, 63.8958**, and **32.3296, 27.9123, 13.3565** is the 20% darker color. If you saturate the color by 10%, you get **57.7205, 49.2235, 22.8303**, and if you desaturate by 10%, it is **68.2622, 64.2180, 45.1157**.

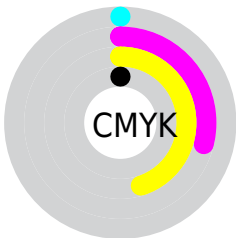
# Distribution



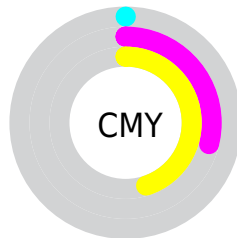
- Red (100%)
- Green (71%)
- Blue (55%)



- Red (100%)
- Yellow (80%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5716, 56.2308, 32.7551 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 62.5716, 56.2308, 32.7551 by changing the saturation by 10% instead.





 62.5716, 56.2308,  
32.7551


 62.5716, 56.2308,  
32.7551


423.6975,  
410.5607, 329.1429


 45.7521, 40.3880,  
21.6693


 107.6365, 99.3420,  
65.1046

 32.2540, 27.8412,  
13.4181


 136.6126,  
127.3791, 87.2054

 21.7121, 18.2060,  
7.5830


 170.3716,  
160.2498, 113.8149

 13.7609, 11.0980,  
3.7454

209.2788,  
198.3385, 145.3518

 8.0351, 6.1328,  
1.4867

253.6997,  
242.0295, 182.2344

 4.1694, 2.9260,  
0.2080

303.9995,

 1.7984, 1.0932,

291.7073, 224.8815

0.0000

360.5437,  
347.7562, 273.7114

■ 0.5167, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.5716, 56.2308,  
32.7551

■ 62.5716, 56.2308,  
32.7551

■ 57.7205, 49.2235,  
22.8303

■ 68.2622, 64.2180,  
45.1157

■ 53.6603, 43.1478,  
15.1734

■ 74.8288, 73.2143,  
60.0581

■ 50.3434, 37.9633,  
9.6000

■ 82.3108, 83.2580,  
77.7205

■ 47.7142, 33.6226,  
5.8946

■ 90.7435, 94.3825,  
98.2303

■ 45.7069, 30.0725, 95.0499, 100.0000,  
3.7935 108.9000

■ 44.8529, 28.4859,  
3.1343

# Harmonies

## Analogous

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



68.1459, 56.2308, 45.2997



62.5716, 56.2308, 32.7551



54.9156, 56.2308, 27.9048

# Triad

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



62.5716, 56.2308, 32.7551



39.9874, 56.2308, 57.1481



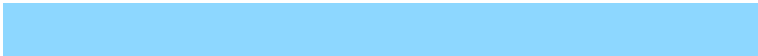
59.8106, 56.2308, 108.7112

# Complementary

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



62.5716, 56.2308, 32.7551



53.3340, 61.4812, 103.6637

# 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.



52.0022, 56.2308, 114.0524



62.5716, 56.2308, 32.7551



41.0279, 56.2308, 80.5055

# Square

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



62.5716, 56.2308, 32.7551



42.2613, 56.2308, 39.6421



45.2533, 56.2308, 102.7081



66.4474, 56.2308, 89.4930



# Rectangle

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



62.5716, 56.2308, 32.7551



49.8440, 56.2308, 28.5768



45.2533, 56.2308, 102.7081



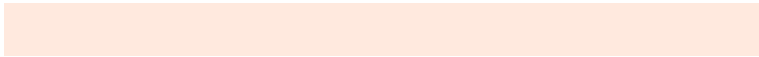
57.2168, 56.2308, 112.3567

# Sweetspot

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



62.5730, 56.2335, 32.7562



83.6806, 85.0777, 81.0131



63.0437, 45.2217, 69.7636



17.5327, 17.7073, 16.4313



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.



62.5730, 56.2335, 32.7562



58.0362, 49.6868, 23.4539



76.5933, 84.2740, 37.4296



18.5308, 19.0297, 18.8408



23.5628, 15.1367, 1.6798



2.3922, 1.6697, 0.1962



# Inverse Universe

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



53.3340, 61.4812, 103.6637



47.6613, 55.4923, 102.8068



41.2790, 37.3712, 99.6453



17.9870, 19.3456, 23.0360



16.6562, 18.2219, 52.0739



1.7244, 1.9795, 5.1045



# Previews

## White Background



This preview shows how the XYZ color 62.5716, 56.2308, 32.7551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

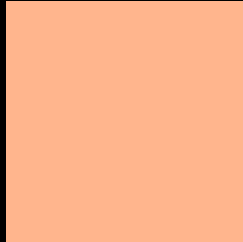
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.5716, 56.2308, 32.7551 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 62.5716, 56.2308, 32.7551**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.5716, 56.2308, 32.7551.



This preview shows how white text looks on a background with the XYZ color 62.5716, 56.2308,

32.7551.

# 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

62.5716, 56.2308, 32.7551

### Protanopia

52.6908, 56.5233, 36.1500

### Deuteranopia

57.6657, 56.5239, 32.2970



## Tritanopia

66.1474, 56.3784, 55.5399

# Trichromacy



## Original Color

62.5716, 56.2308, 32.7551

## Protanomaly

55.9554, 56.2376, 34.6938

## Deuteranomaly

59.4661, 56.4888, 32.5802

## Tritanomaly

64.6068, 56.0793, 46.4490

# Monochromacy



## Original Color

62.5716, 56.2308, 32.7551

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

56.0989, 55.9737, 49.9668

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.5716, 56.2308, 32.7551 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, 181, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 141) }
```

## Border

The CSS property to change the border of an element to XYZ 62.5716, 56.2308, 32.7551 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, 181, 141) }
```



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

```
.border{ border-color:rgb(255, 181, 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, 181, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
141) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.5716, 56.2308, 32.7551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 141) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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