

# Converting Colors

XYZ(62.4605, 55.7681, 33.6081)

Have a look what the booklet for  
XYZ(62.4605, 55.7681, 33.6081)  
contains.

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# Color

**XYZ(62.5192, 55.8857,  
33.4785)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFB48F
RGB	255, 180, 143
RGB Percent	100%, 71%, 56%
CMY	0.0000, 0.2941, 0.4392
CMYK	0.00, 0.29, 0.44, 0.00
HSL	20°, 100%, 78%
HSV	20°, 44%, 100%
XYZ	62.5192, 55.8857, 33.4785
YIQ	198.2070, 56.5770, 4.3930

# Conversions

## Conversions Part 2

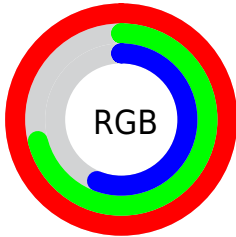
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 198, 143
Decimal	16757903
CIE <sub>Lab</sub>	79.55, 22.99, 29.75
CIE <sub>LCh</sub>	80, 37.599, 52.303
Yxy	55.8857, 0.4116, 0.3680
Android (android.graphics.Color)	4294947983 (0xFFFFB48F)
YUV	198.2070, -27.2171, 49.8075
Hunter-Lab	74.7567, 18.4556, 25.7777

# Details

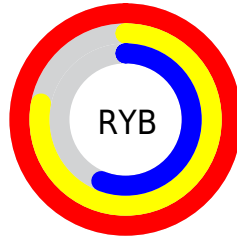
The XYZ color **62.5192, 55.8857, 33.4785** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4480, 63.1998, 103.9367**, and the grayscale version is **53.9400, 56.7490, 61.7997**.

A 20% lighter version of the original color is **81.3135, 85.2821, 64.9987**, and **32.2861, 27.6872, 13.7677** is the 20% darker color. If you saturate the color by 10%, you get **57.5656, 48.7264, 23.3558**, and if you desaturate by 10%, it is **68.3394, 64.0753, 46.0572**.

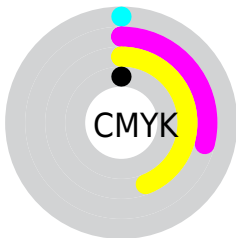
# Distribution



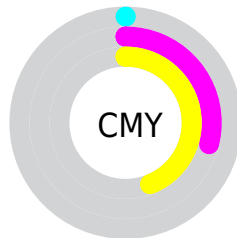
- Red (100%)
- Green (71%)
- Blue (56%)



- Red (100%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5192, 55.8857, 33.4785 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 62.5192, 55.8857, 33.4785 by changing the saturation by 10% instead.





 62.5192, 55.8857,  
33.4785

 62.5192, 55.8857,  
33.4785


423.5099,  
409.2606, 332.4983

 45.7095, 40.1113,  
22.2191


 107.5613, 98.8374,  
66.2465

 32.2203, 27.6253,  
13.8182


 136.5244,  
126.7836, 88.5922

 21.6862, 18.0434,  
7.8570


170.2694,  
159.5557, 115.4704

 13.7418, 10.9812,  
3.9171

209.1616,  
197.5383, 147.2997

 8.0218, 6.0542,  
1.5800

253.5664,  
241.1156, 184.4986

 4.1608, 2.8780,  
0.2765

303.8492,

 1.7935, 1.0684,

290.6722, 227.4856

0.0000

360.3752,  
346.5924, 276.6793

■ 0.5138, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.5192, 55.8857,  
33.4785

■ 62.5192, 55.8857,  
33.4785

■ 57.5656, 48.7264,  
23.3558

■ 68.3394, 64.0753,  
46.0572

■ 53.4287, 42.5466,  
15.5219

■ 75.0638, 73.3272,  
61.2371

■ 50.0599, 37.3027,  
9.7938

■ 82.7327, 83.6818,  
79.1563

■ 47.4022, 32.9442,  
5.9585

■ 91.3829, 95.1752,  
99.9417

■ 45.3891, 29.4145, 95.0499, 100.0000,  
3.7562 108.9000

■ 44.4300, 27.6401,  
2.9934

# Harmonies

## Analogous

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



67.7459, 55.8857, 46.3684



62.5192, 55.8857, 33.4785



55.0900, 55.8857, 28.1962

# Triad

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



62.5192, 55.8857, 33.4785



39.9660, 55.8857, 55.4388



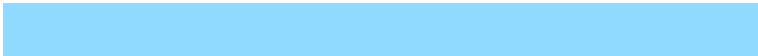
58.8321, 55.8857, 108.1089

# Complementary

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



62.5192, 55.8857, 33.4785



54.4480, 63.1998, 103.9367

# 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.



51.1930, 55.8857, 112.1806



62.5192, 55.8857, 33.4785



40.7631, 55.8857, 78.0707

# Square

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



62.5192, 55.8857, 33.4785



42.4182, 55.8857, 38.7635



44.7093, 55.8857, 100.1284



65.4802, 55.8857, 90.0475



# Rectangle

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



62.5192, 55.8857, 33.4785



50.0777, 55.8857, 28.5458



44.7093, 55.8857, 100.1284



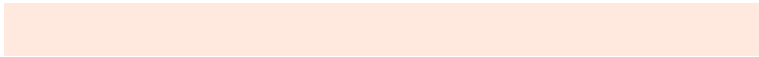
56.2782, 55.8857, 111.3086

# Sweetspot

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



62.5206, 55.8884, 33.4796



83.4879, 84.6922, 80.9488



63.9192, 46.0480, 72.9061



17.4855, 17.6128, 16.4155



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.



62.5206, 55.8884, 33.4796



57.9870, 49.3443, 24.1898



75.7539, 82.3550, 37.8907



18.4996, 18.9673, 18.8304



23.3369, 14.6850, 1.6045

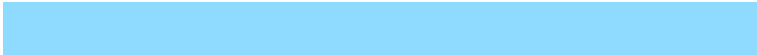


2.3675, 1.6203, 0.1880

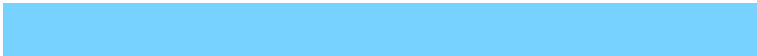


# Inverse Universe

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



54.4480, 63.1998, 103.9367



48.9069, 57.4663, 103.1222



42.5703, 39.4444, 99.9774



18.0195, 19.4106, 23.0468



17.1584, 19.2265, 52.2413



1.7708, 2.0724, 5.1199



# Previews

## White Background



This preview shows how the XYZ color 62.5192, 55.8857, 33.4785 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

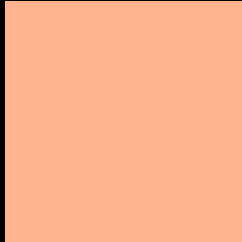
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.5192, 55.8857, 33.4785 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

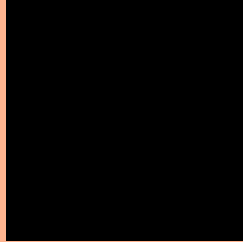
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 62.5192, 55.8857, 33.4785**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.5192, 55.8857, 33.4785.



This preview shows how white text looks on a background with the XYZ color 62.5192, 55.8857,

33.4785.

# 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

62.5192, 55.8857, 33.4785

### Protanopia

52.4161, 56.0158, 37.3277

### Deuteranopia

57.2663, 55.9804, 32.9864



## Tritanopia

65.8424, 55.9415, 54.9045

# Trichromacy



## Original Color

62.5192, 55.8857, 33.4785

## Protanomaly

55.6547, 55.7306, 35.8407

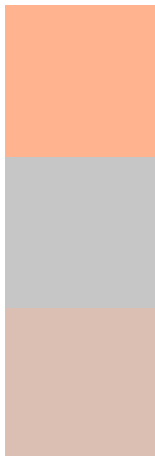
## Deuteranomaly

59.0593, 55.9481, 33.2775

## Tritanomaly

64.4085, 55.6828, 46.3829

# Monochromacy



## Original Color

62.5192, 55.8857, 33.4785

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

55.8801, 55.5360, 49.8938

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.5192, 55.8857, 33.4785 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, 180, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 143)  
}
```

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, 180, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 62.5192, 55.8857, 33.4785 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, 180, 143) }
```



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

```
.border{ border-color:rgb(255, 180, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.5192, 55.8857, 33.4785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 143) }
```

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

```
.background{ background-color: rgb(255,  
180, 143) }
```

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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