

Converting Colors

XYZ(67.9441, 58.6137, 32.3487)

Have a look what the booklet for
XYZ(67.9441, 58.6137, 32.3487)
contains.

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Color

**XYZ(62.2215, 55.7666,
31.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB48B
RGB	255, 180, 139
RGB Percent	100%, 71%, 55%
CMY	0.0000, 0.2941, 0.4549
CMYK	0.00, 0.29, 0.45, 0.00
HSL	21°, 100%, 77%
HSV	21°, 45%, 100%
XYZ	62.2215, 55.7666, 31.9107
YIQ	197.7510, 57.8610, 3.1490

Conversions

Conversions Part 2

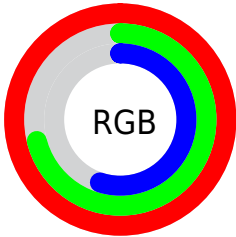
Format	Color
RYB	255, 202, 139
Decimal	16757899
CIELab	79.48, 22.59, 31.77
CIELCh	79, 38.987, 54.586
Yxy	55.7666, 0.4151, 0.3720
Android (android.graphics.Color)	4294947979 (0xFFFFB48B)
YUV	197.7510, -28.9642, 50.2074
Hunter-Lab	74.6770, 18.0428, 26.9384

Details

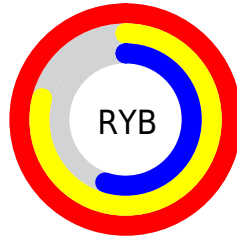
The XYZ color **62.2215, 55.7666, 31.9107** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.7430, 60.7996, 103.5633**, and the grayscale version is **53.6722, 56.4674, 61.4930**.

A 20% lighter version of the original color is **80.8611, 85.1012, 62.6164**, and **32.1158, 27.6191, 12.8708** is the 20% darker color. If you saturate the color by 10%, you get **57.4388, 48.8433, 22.1716**, and if you desaturate by 10%, it is **67.8374, 63.6609, 44.0723**.

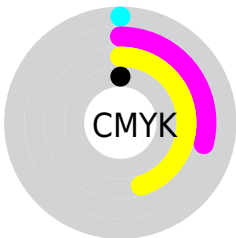
Distribution



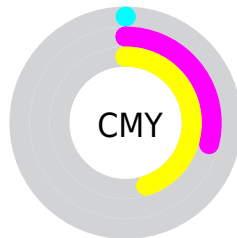
- Red (100%)
- Green (71%)
- Blue (55%)



- Red (100%)
- Yellow (79%)
- 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 62.2215, 55.7666, 31.9107 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 62.2215, 55.7666, 31.9107 by changing the saturation by 10% instead.


 62.2215, 55.7666,
31.9107

 62.2215, 55.7666,
31.9107


422.4433,
408.8113, 325.1924


 45.4680, 40.0158,
21.0290


 107.1337, 98.6632,
63.7673

 32.0290, 27.5509,
12.9538

 136.0231,
126.5779, 85.5794

 21.5393, 17.9874,
7.2664


 169.6886,
159.3160, 111.8721

 13.6335, 10.9409,
3.5483

208.4954,
197.2618, 143.0638

 7.9462, 6.0271,
1.3810

252.8089,
240.7999, 179.5731

 4.1121, 2.8616,
0.1268

302.9945,

 1.7657, 1.0599,

290.3146, 221.8187

0.0000

359.4175,
346.1903, 270.2189

0.4969, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

62.2215, 55.7666,
31.9107

62.2215, 55.7666,
31.9107

57.4388, 48.8433,
22.1716

67.8374, 63.6609,
44.0723

53.4406, 42.8429,
14.6858

74.3232, 72.5554,
58.8035

50.1792, 37.7251,
9.2669

81.7182, 82.4879,
76.2432

47.5984, 33.4425,
5.6967

90.0579, 93.4920,
96.5196

■ 45.6316, 29.9418, 95.0500, 100.0000,
3.7064 108.9000

■ 44.9081, 28.5962,
3.1527

Harmonies

Analogous

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



67.9162, 55.7666, 44.4818



62.2215, 55.7666, 31.9107



54.4385, 55.7666, 27.1021

Triad

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



62.2215, 55.7666, 31.9107



39.3780, 55.7666, 56.7401



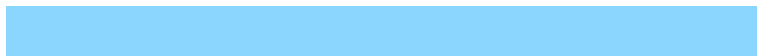
59.5220, 55.7666, 109.0049

Complementary

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



62.2215, 55.7666, 31.9107



52.7430, 60.7996, 103.5633

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.



51.5958, 55.7666, 114.5906



62.2215, 55.7666, 31.9107



40.4527, 55.7666, 80.4961

Square

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



62.2215, 55.7666, 31.9107



41.6513, 55.7666, 38.9949



44.7458, 55.7666, 103.1022



66.2532, 55.7666, 89.3076

Rectangle

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



62.2215, 55.7666, 31.9107



49.3008, 55.7666, 27.8078



44.7458, 55.7666, 103.1022



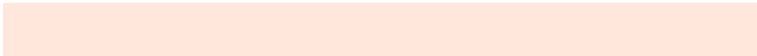
56.8892, 55.7666, 112.7710

Sweetspot

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



62.2229, 55.7693, 31.9118



82.8998, 84.0584, 79.0807



62.6616, 44.6012, 69.1931



17.3791, 17.5067, 16.0512



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.



62.2229, 55.7693, 31.9118



57.6544, 49.1605, 22.5945



76.3585, 84.0406, 36.6237



18.5347, 19.0375, 18.8421



23.5922, 15.1956, 1.6896



2.3954, 1.6761, 0.1973

Inverse Universe

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



52.7430, 60.7996, 103.5633



47.0198, 54.7128, 102.6902



40.6537, 36.6210, 99.5335



17.9829, 19.3374, 23.0346



16.5946, 18.0988, 52.0534



1.7187, 1.9681, 5.1026

Previews

White Background



This preview shows how the XYZ color 62.2215, 55.7666, 31.9107 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 62.2215, 55.7666, 31.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

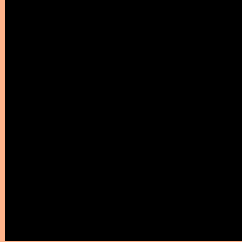
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2215, 55.7666, 31.9107

Background



This preview shows how black text looks on a background with the XYZ color 62.2215, 55.7666, 31.9107.



This preview shows how white text looks on a background with the XYZ color 62.2215, 55.7666,

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

62.2215, 55.7666, 31.9107

Protanopia

52.3059, 56.0049, 35.2473

Deuteranopia

56.9739, 55.8635, 31.4468



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

62.2215, 55.7666, 31.9107

Protanomaly

55.5836, 55.7388, 33.8157

Deuteranomaly

58.7643, 55.8300, 31.7238

Tritanomaly

64.2178, 55.6066, 45.3787

Monochromacy



Original Color

62.2215, 55.7666, 31.9107

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.7800, 55.4960, 49.3668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2215, 55.7666, 31.9107 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 139) }
```

Border

The CSS property to change the border of an element to XYZ 62.2215, 55.7666, 31.9107 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, 139) }
```


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

```
.border{ border-color:rgb(255, 180, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 180, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 180, 139); box-shadow:4px 4px 4px 4px rgb(255, 180, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2215, 55.7666, 31.9107 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, 139) }
```

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

```
.background{ background-color: rgb(255,  
180, 139) }
```

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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