

Converting Colors

XYZ(66.8832, 58.3071, 33.1733)

Have a look what the booklet for
XYZ(66.8832, 58.3071, 33.1733)
contains.

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Color

**XYZ(62.6464, 56.2607,
33.1488)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB58E
RGB	255, 181, 142
RGB Percent	100%, 71%, 56%
CMY	0.0000, 0.2902, 0.4431
CMYK	0.00, 0.29, 0.44, 0.00
HSL	21°, 100%, 78%
HSV	21°, 44%, 100%
XYZ	62.6464, 56.2607, 33.1488
YIQ	198.6800, 56.6230, 3.5590

Conversions

Conversions Part 2

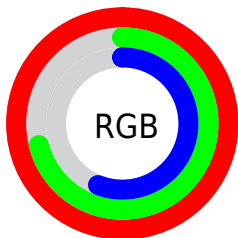
Format	Color
R _Y B	255, 202, 142
Decimal	16758158
CIE Lab	79.76, 22.37, 30.56
CIE LCh	80, 37.872, 53.802
Yxy	56.2607, 0.4120, 0.3700
Android (android.graphics.Color)	4294948238 (0xFFFFB58E)
YUV	198.6800, -27.9432, 49.3926
Hunter-Lab	75.0071, 17.8218, 26.3023

Details

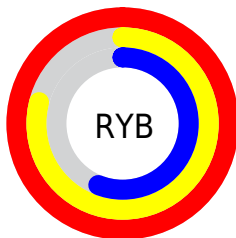
The XYZ color **62.6464, 56.2607, 33.1488** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7603, 62.0802, 103.7569**, and the grayscale version is **54.2328, 57.0572, 62.1353**.

A 20% lighter version of the original color is **81.4880, 85.8139, 64.4934**, and **32.3724, 27.9294, 13.5822** is the 20% darker color. If you saturate the color by 10%, you get **57.7524, 49.1942, 23.1280**, and if you desaturate by 10%, it is **68.3881, 64.3218, 45.6138**.

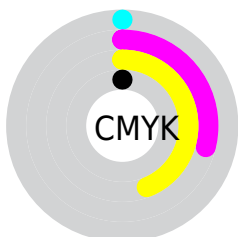
Distribution



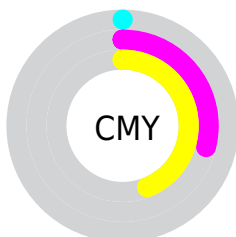
- Red (100%)
- Green (71%)
- Blue (56%)



- Red (100%)
- Yellow (79%)
- 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 62.6464, 56.2607, 33.1488 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 62.6464, 56.2607, 33.1488 by changing the saturation by 10% instead.


 62.6464, 56.2607,
33.1488

 62.6464, 56.2607,
33.1488


423.9651,
410.6732, 330.9723

 45.8128, 40.4120,
21.9684


 107.7439, 99.3856,
65.7265

 32.3021, 27.8599,
13.6356


 136.7385,
127.4307, 87.9608

 21.7490, 18.2201,
7.7318


170.5174,
160.3099, 114.7169

 13.7882, 11.1081,
3.8385

209.4461,
198.4078, 146.4133

 8.0542, 6.1396,
1.5372

253.8899,
242.1086, 183.4684

 4.1817, 2.9302,
0.2454

304.2140,

 1.8055, 1.0954,

291.7969, 226.3010

0.0000

360.7840,
347.8570, 275.3294

0.5210, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

62.6464, 56.2607,
33.1488

62.6464, 56.2607,
33.1488

57.7524, 49.1942,
23.1280

68.3881, 64.3218,
45.6138

53.6573, 43.0732,
15.3838

75.0143, 73.4074,
60.6684

50.3133, 37.8567,
9.7328

82.5646, 83.5562,
78.4508

47.6646, 33.4964,
5.9609

91.0748, 94.8025,
99.0879

■ 45.6453, 29.9383, 95.0500, 100.0000,
3.8064 108.9000

■ 44.7314, 28.2429,
3.0938

Harmonies

Analogous

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



68.1035, 56.2607, 45.7720



62.6464, 56.2607, 33.1488



55.0790, 56.2607, 28.1805

Triad

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



62.6464, 56.2607, 33.1488



40.1352, 56.2607, 56.8190



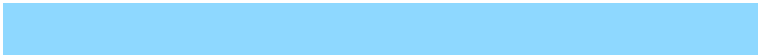
59.6371, 56.2607, 108.4881

Complementary

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



62.6464, 56.2607, 33.1488



53.7603, 62.0802, 103.7569

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.



51.9007, 56.2607, 113.4496



62.6464, 56.2607, 33.1488



41.1058, 56.2607, 79.8946

Square

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



62.6464, 56.2607, 33.1488



42.4538, 56.2607, 39.5832



45.2439, 56.2607, 101.9618



66.2534, 56.2607, 89.6785

Rectangle

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



62.6464, 56.2607, 33.1488



50.0389, 56.2607, 28.7630



45.2439, 56.2607, 101.9618



57.0631, 56.2607, 111.9918

Sweetspot

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



62.6478, 56.2634, 33.1499



83.6266, 84.9696, 80.9951



63.4811, 45.6337, 71.3359



17.5195, 17.6808, 16.4269



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.



62.6478, 56.2634, 33.1499



58.3486, 50.0674, 24.3103



76.1662, 83.3001, 37.6560



18.5220, 19.0122, 18.8378



23.4979, 15.0071, 1.6582



2.3851, 1.6556, 0.1939

Inverse Universe

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



53.7603, 62.0802, 103.7569



48.4160, 56.4844, 102.9585



41.9216, 38.4030, 99.8107



17.9961, 19.3638, 23.0390



16.7948, 18.4992, 52.1201



1.7373, 2.0052, 5.1088

Previews

White Background



This preview shows how the XYZ color 62.6464, 56.2607, 33.1488 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 62.6464, 56.2607, 33.1488 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 62.6464, 56.2607, 33.1488

Background



This preview shows how black text looks on a background with the XYZ color 62.6464, 56.2607, 33.1488.



This preview shows how white text looks on a background with the XYZ color 62.6464, 56.2607,

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

62.6464, 56.2607, 33.1488

Protanopia

52.7703, 56.5551, 36.5687

Deuteranopia

57.7392, 56.5532, 32.6836



Tritanopia

66.1474, 56.3784, 55.5399

Trichromacy



Original Color

62.6464, 56.2607, 33.1488

Protanomaly

56.0329, 56.2686, 35.1018

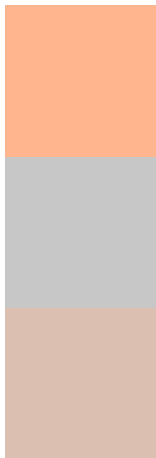
Deuteranomaly

59.5402, 56.5184, 32.9703

Tritanomaly

64.6068, 56.0793, 46.4490

Monochromacy



Original Color

62.6464, 56.2607, 33.1488

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 62.6464, 56.2607, 33.1488 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 142) }
```

Border

The CSS property to change the border of an element to XYZ 62.6464, 56.2607, 33.1488 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, 142) }
```


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

```
.border{ border-color:rgb(255, 181, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6464, 56.2607, 33.1488 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
181, 142) }
```

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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