

Converting Colors

XYZ(62.9891, 58.7328, 27.7553)

Have a look what the booklet for
XYZ(62.9891, 58.7328, 27.7553)
contains.

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Color

**XYZ(62.9891, 58.7328,
27.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC7E
RGB	255, 188, 126
RGB Percent	100%, 74%, 49%
CMY	0.0000, 0.2627, 0.5059
CMYK	0.00, 0.26, 0.51, 0.00
HSL	29°, 100%, 75%
HSV	29°, 51%, 100%
XYZ	62.9891, 58.7328, 27.7553
YIQ	200.9650, 59.8340, -5.0780

Conversions

Conversions Part 2

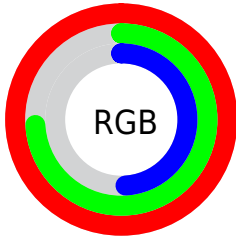
Format	Color
R _Y B	255, 245, 126
Decimal	16759934
CIE Lab	81.14, 17.20, 40.68
CIE LCh	81, 44.166, 67.081
Yxy	58.7328, 0.4214, 0.3929
Android (android.graphics.Color)	4294950014 (0xFFFFBC7E)
YUV	200.9650, -36.9577, 47.3887
Hunter-Lab	76.6373, 12.5959, 32.1734

Details

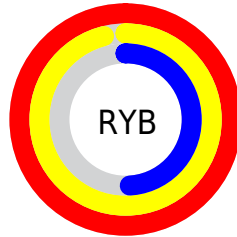
The XYZ color **62.9891, 58.7328, 27.7553** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7232, 49.7933, 101.8086**, and the grayscale version is **55.6928, 58.5932, 63.8080**.

A 20% lighter version of the original color is **81.8289, 89.2567, 56.0954**, and **32.4742, 29.4519, 10.8107** is the 20% darker color. If you saturate the color by 10%, you get **58.8485, 52.7578, 19.2660**, and if you desaturate by 10%, it is **67.8115, 65.4005, 38.5418**.

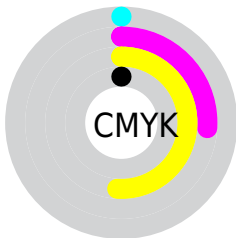
Distribution



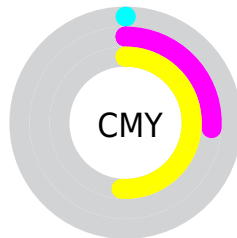
- Red (100%)
- Green (74%)
- Blue (49%)



- Red (100%)
- Yellow (96%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9891, 58.7328, 27.7553 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 62.9891, 58.7328, 27.7553 by changing the saturation by 10% instead.


 62.9891, 58.7328,
27.7553


 62.9891, 58.7328,
27.7553


425.1902,
419.9110, 305.1709


 46.0910, 42.3981,
17.9038


 108.2357,
102.9892, 57.1119

 32.5226, 29.4131,
10.7123


 137.3149,
131.6797, 77.4542

 21.9184, 19.3936,
5.7620

 171.1852,
165.2575, 102.1304

 13.9132, 11.9550,
2.6344

210.2119,
204.1071, 131.5592

 8.1416, 6.7130,
0.9102

254.7604,
248.6129, 166.1592

 4.2383, 3.2833,
0.0000

305.1960,

 1.8378, 1.2814,

299.1592, 206.3487

0.0000

361.8842,
356.1304, 252.5464

■ 0.5403, 0.1267,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9891, 58.7328,
27.7553

■ 62.9891, 58.7328,
27.7553

■ 58.8485, 52.7578,
19.2660

■ 67.8115, 65.4005,
38.5418

■ 55.3460, 47.4401,
12.8968

■ 73.3473, 72.7772,
51.7775

■ 52.4384, 42.7530,
8.4499

■ 79.6308, 80.8895,
67.6053

■ 50.0736, 38.6636,
5.6879

■ 86.6927, 89.7594,
86.1561

■ 48.2696, 35.3193,
4.2732

94.5617, 99.4082,
107.5518

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



71.1350, 58.7328, 38.0402



62.9891, 58.7328, 27.7553



53.6744, 58.7328, 25.7381

Triad

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



62.9891, 58.7328, 27.7553



40.0651, 58.7328, 70.3913



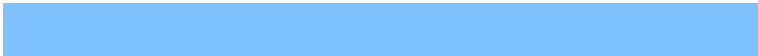
67.1660, 58.7328, 113.3946

Complementary

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



62.9891, 58.7328, 27.7553



45.7232, 49.7933, 101.8086

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.



58.0298, 58.7328, 128.4361



62.9891, 58.7328, 27.7553



42.8841, 58.7328, 99.5590

Square

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



62.9891, 58.7328, 27.7553



41.0834, 58.7328, 46.2031



49.2235, 58.7328, 122.7783



73.7253, 58.7328, 85.7430

Rectangle

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



62.9891, 58.7328, 27.7553



48.1621, 58.7328, 28.6550



49.2235, 58.7328, 122.7783



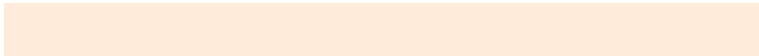
64.2578, 58.7328, 120.3952

Sweetspot

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



62.9905, 58.7357, 27.7564



83.4790, 85.7510, 77.6271



58.5287, 40.1132, 56.1695



17.5510, 17.9557, 15.7844



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.



62.9905, 58.7357, 27.7564



58.6919, 52.5258, 18.9626



79.4093, 91.5732, 33.2294



18.7298, 19.4278, 18.9071



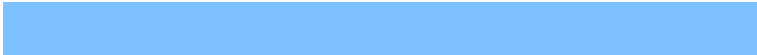
25.3697, 18.7505, 2.2821



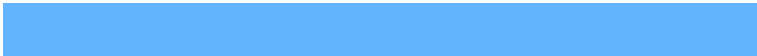
2.5788, 2.0430, 0.2584

Inverse Universe

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



45.7232, 49.7933, 101.8086



39.6131, 42.6345, 100.7492



34.6772, 27.7014, 98.1266



17.7834, 18.9385, 22.9682



13.9240, 12.7575, 51.1632



1.4652, 1.4610, 5.0181

Previews

White Background



This preview shows how the XYZ color 62.9891, 58.7328, 27.7553 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 62.9891, 58.7328, 27.7553 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 62.9891, 58.7328, 27.7553

Background



This preview shows how black text looks on a background with the XYZ color 62.9891, 58.7328, 27.7553.



This preview shows how white text looks on a background with the XYZ color 62.9891, 58.7328,

27.7553.

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

62.9891, 58.7328, 27.7553

Protanopia

54.4307, 58.9398, 29.9804

Deuteranopia

60.0799, 58.8537, 27.5954



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

62.9891, 58.7328, 27.7553

Protanomaly

57.2074, 58.6733, 29.0788

Deuteranomaly

61.0439, 58.6987, 27.5147

Tritanomaly

65.5419, 58.4056, 45.3551

Monochromacy



Original Color

62.9891, 58.7328, 27.7553

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1987, 57.9080, 48.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9891, 58.7328, 27.7553 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, 188, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 126)  
}
```

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, 188, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 126) }
```

Border

The CSS property to change the border of an element to XYZ 62.9891, 58.7328, 27.7553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

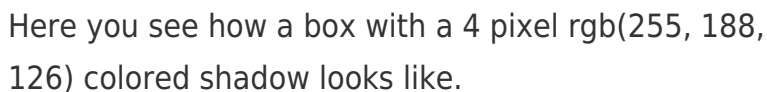
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 188, 126) }
```


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

```
.border{ border-color:rgb(255, 188, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 188, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 188, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 188, 126); box-shadow:4px 4px 4px 4px rgb(255, 188, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9891, 58.7328, 27.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 126) }
```

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

```
.background{ background-color: rgb(255,  
188, 126) }
```

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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