

Converting Colors

XYZ(62.3682, 57.5926, 27.2349)

Have a look what the booklet for
XYZ(62.3682, 57.5926, 27.2349)
contains.

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Color

**XYZ(62.2906, 57.4386,
27.2057)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB97D
RGB	255, 185, 125
RGB Percent	100%, 73%, 49%
CMY	0.0000, 0.2745, 0.5098
CMYK	0.00, 0.27, 0.51, 0.00
HSL	28°, 100%, 75%
HSV	28°, 51%, 100%
XYZ	62.2906, 57.4386, 27.2057
YIQ	199.0900, 60.9800, -3.8200

Conversions

Conversions Part 2

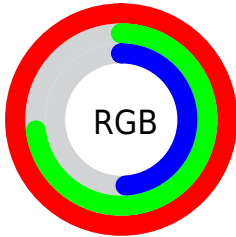
Format	Color
R _Y B	255, 236, 125
Decimal	16759165
CIE Lab	80.43, 18.68, 40.28
CIE LCh	80, 44.403, 65.121
Yxy	57.4386, 0.4239, 0.3909
Android (android.graphics.Color)	4294949245 (0xFFFFB97D)
YUV	199.0900, -36.5264, 49.0331
Hunter-Lab	75.7883, 14.0802, 31.7685

Details

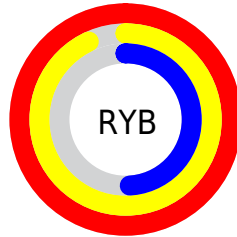
The XYZ color **62.2906, 57.4386, 27.2057** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.0215, 50.6078, 101.9500**, and the grayscale version is **54.5329, 57.3728, 62.4790**.

A 20% lighter version of the original color is **80.7312, 87.3849, 54.7315**, and **32.0269, 28.6126, 10.4914** is the 20% darker color. If you saturate the color by 10%, you get **58.1314, 51.4011, 18.7881**, and if you desaturate by 10%, it is **67.1482, 64.2038, 37.9200**.

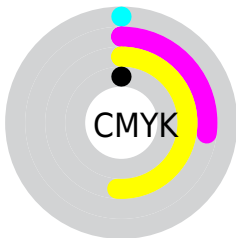
Distribution



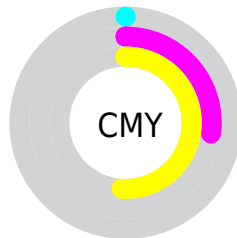
- Red (100%)
- Green (73%)
- Blue (49%)



- Red (100%)
- Yellow (93%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2906, 57.4386, 27.2057 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 62.2906, 57.4386, 27.2057 by changing the saturation by 10% instead.


 62.2906, 57.4386,
27.2057

 62.2906, 57.4386,
27.2057


422.6910,
415.0908, 302.4433

 45.5240, 41.3575,
17.4940


 107.2330,
101.1049, 56.2215

 32.0734, 28.5985,
10.4216


 136.1395,
129.4588, 76.3627

 21.5734, 18.7773,
5.5702


 169.8234,
162.6725, 100.8174

 13.6586, 11.5095,
2.5210

208.6501,
201.1303, 130.0042

 7.9637, 6.4106,
0.8512

252.9848,
245.2167, 164.3417

 4.1234, 3.0963,
0.0000

303.1930,

 1.7722, 1.1822,

295.3159, 204.2483

0.0000

359.6399,
351.8125, 250.1427

■ 0.5008, 0.0471,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2906, 57.4386,
27.2057

■ 62.2906, 57.4386,
27.2057

■ 58.1314, 51.4011,
18.7881

■ 67.1482, 64.2038,
37.9200

■ 54.6258, 46.0541,
12.4891

■ 72.7366, 71.7148,
51.0839

■ 51.7295, 41.3690,
8.1095

■ 79.0911, 79.9997,
66.8412

■ 49.3889, 37.3106,
5.4093

■ 86.2432, 89.0821,
85.3233

■ 47.6834, 34.1472,
4.0779

94.2224, 98.9846,
106.6527

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.



70.1924, 57.4386, 37.9146



62.2906, 57.4386, 27.2057



53.0467, 57.4386, 24.7299

Triad

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



62.2906, 57.4386, 27.2057



38.9549, 57.4386, 67.1213



65.2913, 57.4386, 113.1345

Complementary

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



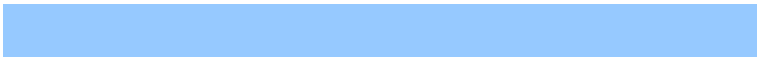
62.2906, 57.4386, 27.2057



46.0215, 50.6078, 101.9500

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.



56.1704, 57.4386, 126.9061



62.2906, 57.4386, 27.2057



41.4962, 57.4386, 96.0266

Square

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



62.2906, 57.4386, 27.2057



40.2089, 57.4386, 43.7392



47.5584, 57.4386, 119.9060



72.0553, 57.4386, 86.0801

Rectangle

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



62.2906, 57.4386, 27.2057



47.4973, 57.4386, 27.2571



47.5584, 57.4386, 119.9060



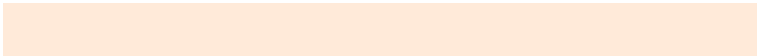
62.3638, 57.4386, 119.7679

Sweetspot

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



62.2920, 57.4414, 27.2068



83.2703, 85.3336, 77.5575



58.5946, 39.9360, 57.1439



17.5009, 17.8554, 15.7677



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.



62.2920, 57.4414, 27.2068



58.1238, 51.3897, 18.7732



78.6628, 90.1830, 32.6638



18.7003, 19.3688, 18.8973



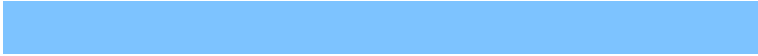
25.0614, 18.1340, 2.1793



2.5480, 1.9814, 0.2482

Inverse Universe

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



46.0215, 50.6078, 101.9500



40.2198, 43.8478, 100.9514



34.6915, 27.9478, 98.1733



17.8132, 18.9979, 22.9781



14.2790, 13.4675, 51.2815



1.4996, 1.5300, 5.0295

Previews

White Background



This preview shows how the XYZ color 62.2906, 57.4386, 27.2057 looks on a white background.

Color Contrast Check

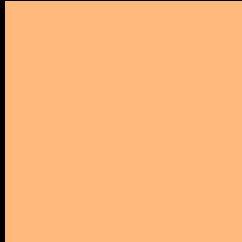
Large Text (above 18pt) WCAG AA × Fail

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 62.2906, 57.4386, 27.2057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

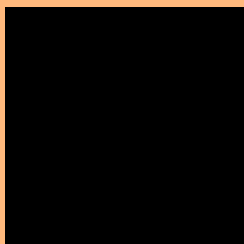
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2906, 57.4386, 27.2057

Background



This preview shows how black text looks on a background with the XYZ color 62.2906, 57.4386, 27.2057.



This preview shows how white text looks on a background with the XYZ color 62.2906, 57.4386,

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

62.2906, 57.4386, 27.2057

Protanopia

53.3663, 57.6990, 29.7970

Deuteranopia

58.8868, 57.5941, 27.0819



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

62.2906, 57.4386, 27.2057

Protanomaly

56.4326, 57.6041, 28.9133

Deuteranomaly

60.1935, 57.6246, 27.0189

Tritanomaly

64.7389, 57.0978, 44.1681

Monochromacy



Original Color

62.2906, 57.4386, 27.2057

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.9516, 56.6222, 47.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2906, 57.4386, 27.2057 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, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 125)  
}
```

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, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 125) }
```

Border

The CSS property to change the border of an element to XYZ 62.2906, 57.4386, 27.2057 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, 185, 125) }
```


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

```
.border{ border-color:rgb(255, 185, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2906, 57.4386, 27.2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 125) }
```

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

```
.background{ background-color: rgb(255,  
185, 125) }
```

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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