

Converting Colors

XYZ(62.2194, 57.0373, 27.9799)

Have a look what the booklet for
XYZ(62.2194, 57.0373, 27.9799)
contains.

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Color

**XYZ(62.2768, 57.0995,
28.1610)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB880 |
| RGB | 255, 184, 128 |
| RGB Percent | 100%, 72%, 50% |
| CMY | 0.0000, 0.2784, 0.4980 |
| CMYK | 0.00, 0.28, 0.50, 0.00 |
| HSL | 26°, 100%, 75% |
| HSV | 26°, 50%, 100% |
| XYZ | 62.2768, 57.0995, 28.1610 |
| YIQ | 198.8450, 60.2920, -2.3640 |

Conversions

Conversions Part 2

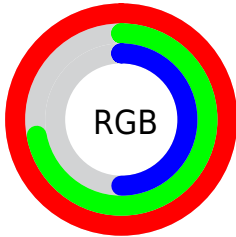
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 228, 128 |
| Decimal | 16758912 |
| CIELab | 80.24, 19.47, 38.50 |
| CIElCh | 80, 43.139, 63.174 |
| Yxy | 57.0995, 0.4221, 0.3870 |
| Android (android.graphics.Color) | 4294948992 (0xFFFFB880) |
| YUV | 198.8450, -34.9266, 49.2479 |
| Hunter-Lab | 75.5642, 14.8747, 30.7990 |

Details

The XYZ color **62.2768, 57.0995, 28.1610** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3745, 52.6538, 102.2738**, and the grayscale version is **54.3736, 57.2052, 62.2965**.

A 20% lighter version of the original color is **80.8436, 86.9576, 56.7795**, and **31.9971, 28.3848, 11.0001** is the 20% darker color. If you saturate the color by 10%, you get **57.9914, 50.8858, 19.4667**, and if you desaturate by 10%, it is **67.2851, 64.0843, 39.1779**.

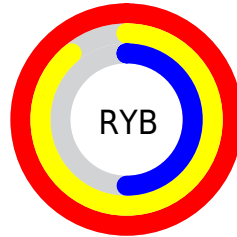
Distribution



Red (100%)

Green (72%)

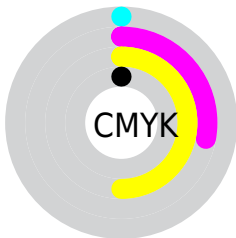
Blue (50%)



Red (100%)

Yellow (89%)

Blue (50%)

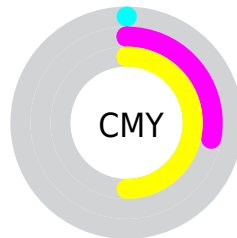


Cyan (0%)

Magenta (28%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2768, 57.0995, 28.1610 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 62.2768, 57.0995, 28.1610 by changing the saturation by 10% instead.


 62.2768, 57.0995,
28.1610


 62.2768, 57.0995,
28.1610


422.6415,
413.8220, 307.1715


 45.5128, 41.0851,
18.2070


 107.2132,
100.6104, 57.7676

 32.0646, 28.3856,
10.9277


 136.1163,
128.8756, 78.2572

 21.5666, 18.6165,
5.9047


 169.7965,
161.9933, 103.0957

 13.6536, 11.3935,
2.7194

208.6192,
200.3479, 132.7018

 7.9602, 6.3322,
0.9531

252.9497,
244.3236, 167.4938

 4.1211, 3.0481,
0.0000

303.1533,

 1.7709, 1.1569,

294.3049, 207.8905

0.0000

359.5955,
350.6763, 254.3102

■ 0.5000, 0.0261,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2768, 57.0995,
28.1610

■ 62.2768, 57.0995,
28.1610

■ 57.9914, 50.8858,
19.4667

■ 67.2851, 64.0843,
39.1779

■ 54.3838, 45.4044,
12.9191

■ 73.0495, 71.8601,
52.6690

■ 51.4093, 40.6248,
8.3221

■ 79.6057, 80.4566,
68.7767

■ 49.0142, 36.5102,
5.4412

■ 86.9859, 89.8990,
87.6317

■ 47.1181, 33.0119, 95.0499, 100.0000,
3.9029 108.9000

■ 47.0841, 32.9484,
3.8781

Harmonies

Analogous

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



69.7134, 57.0995, 39.2327



62.2768, 57.0995, 28.1610



53.3391, 57.0995, 25.2346

Triad

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



62.2768, 57.0995, 28.1610



39.0597, 57.0995, 64.8958



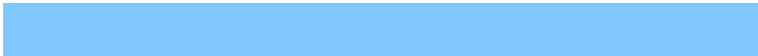
64.0738, 57.0995, 112.2346

Complementary

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



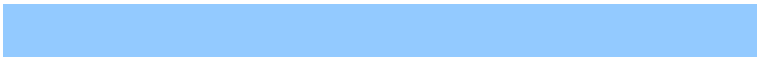
62.2768, 57.0995, 28.1610



47.3745, 52.6538, 102.2738

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.



55.2144, 57.0995, 124.2475



62.2768, 57.0995, 28.1610



41.2967, 57.0995, 92.6606

Square

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



62.2768, 57.0995, 28.1610



40.5201, 57.0995, 42.7550



46.9832, 57.0995, 116.2631



70.8273, 57.0995, 86.7236

Rectangle

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



62.2768, 57.0995, 28.1610



47.8769, 57.0995, 27.3978



46.9832, 57.0995, 116.2631



61.2112, 57.0995, 118.2564

Sweetspot

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



62.2782, 57.1023, 28.1621



83.0460, 84.8851, 77.4827



59.3808, 40.8674, 59.3820



17.4470, 17.7477, 15.7497



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.



62.2782, 57.1023, 28.1621



57.9141, 50.7710, 19.3178



78.2545, 89.0549, 33.4875



18.6686, 19.3053, 18.8867



24.7455, 17.5023, 2.0740



2.5161, 1.9175, 0.2375

Inverse Universe

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



47.3745, 52.6538, 102.2738



41.4121, 45.8100, 101.2673



35.8226, 29.5498, 98.4232



17.8453, 19.0623, 22.9888



14.6799, 14.2693, 51.4151



1.5383, 1.6072, 5.0424

Previews

White Background



This preview shows how the XYZ color 62.2768, 57.0995, 28.1610 looks on a white background.

Color Contrast Check

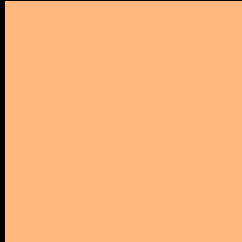
Large Text (above 18pt) WCAG AA × Fail

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 62.2768, 57.0995, 28.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

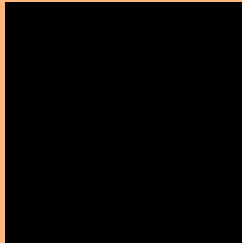
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2768, 57.0995, 28.1610

Background



This preview shows how black text looks on a background with the XYZ color 62.2768, 57.0995, 28.1610.



This preview shows how white text looks on a background with the XYZ color 62.2768, 57.0995,

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

62.2768, 57.0995, 28.1610

Protanopia

53.0454, 57.1670, 30.7928

Deuteranopia

58.3967, 57.3192, 28.0645



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

62.2768, 57.0995, 28.1610

Protanomaly

56.0898, 57.0725, 29.8896

Deuteranomaly

59.4702, 56.9112, 27.9292

Tritanomaly

64.8318, 57.1349, 44.6569

Monochromacy



Original Color

62.2768, 57.0995, 28.1610

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0480, 56.6608, 47.5177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2768, 57.0995, 28.1610 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, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 128)  
}
```

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, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 128) }
```

Border

The CSS property to change the border of an element to XYZ 62.2768, 57.0995, 28.1610 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, 184, 128) }
```


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

```
.border{ border-color:rgb(255, 184, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2768, 57.0995, 28.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 128) }
```

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

```
.background{ background-color: rgb(255,  
184, 128) }
```

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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