

Converting Colors

XYZ(118.4107, 85.9409,
31.7850)

Have a look what the booklet for
XYZ(118.4107, 85.9409, 31.7850)
contains.

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Color

**XYZ(62.4772, 57.1797,
29.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB883
RGB	255, 184, 131
RGB Percent	100%, 72%, 51%
CMY	0.0000, 0.2784, 0.4863
CMYK	0.00, 0.28, 0.49, 0.00
HSL	26°, 100%, 76%
HSV	26°, 49%, 100%
XYZ	62.4772, 57.1797, 29.2166
YIQ	199.1870, 59.3290, -1.4310

Conversions

Conversions Part 2

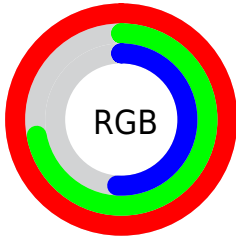
Format	Color
R_{YB}	255, 224, 131
Decimal	16758915
CIE _{Lab}	80.28, 19.74, 37.00
CIE _{LCh}	80, 41.938, 61.922
Yxy	57.1797, 0.4197, 0.3841
Android (android.graphics.Color)	4294948995 (0xFFFFB883)
YUV	199.1870, -33.6162, 48.9480
Hunter-Lab	75.6173, 15.1517, 30.0239

Details

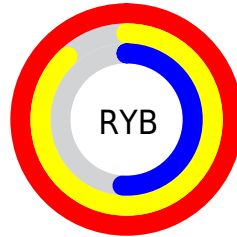
The XYZ color **62.4772, 57.1797, 29.2166** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.5295, 54.2839, 102.5274**, and the grayscale version is **54.5758, 57.4180, 62.5282**.

A 20% lighter version of the original color is **81.1570, 87.0830, 58.4302**, and **32.1072, 28.4288, 11.5797** is the 20% darker color. If you saturate the color by 10%, you get **58.0794, 50.8179, 20.2480**, and if you desaturate by 10%, it is **67.6161, 64.3432, 40.5314**.

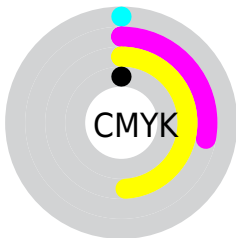
Distribution



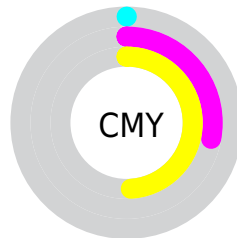
- Red (100%)
- Green (72%)
- Blue (51%)



- Red (100%)
- Yellow (88%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4772, 57.1797, 29.2166 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 62.4772, 57.1797, 29.2166 by changing the saturation by 10% instead.


 62.4772, 57.1797,
29.2166

 62.4772, 57.1797,
29.2166


423.3595,
414.1223, 312.3284


 45.6755, 41.1495,
18.9978


 107.5010,
100.7273, 59.4673

 32.1933, 28.4359,
11.4919


 136.4537,
129.0136, 80.3363

 21.6655, 18.6545,
6.2804


 170.1875,
162.1540, 105.5924

 13.7265, 11.4209,
2.9448

209.0677,
200.5330, 135.6541

 8.0111, 6.3507,
1.0665

253.4596,
244.5349, 170.9400

 4.1539, 3.0595,
0.0000

303.7287,

 1.7896, 1.1629,

294.5442, 211.8687

0.0000

360.2402,
350.9452, 258.8587

■ 0.5114, 0.0311,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4772, 57.1797,
29.2166

■ 62.4772, 57.1797,
29.2166

■ 58.0794, 50.8179,
20.2480

■ 67.6161, 64.3432,
40.5314

■ 54.3772, 45.2179,
13.4517

■ 73.5296, 72.3296,
54.3425

■ 51.3261, 40.3481,
8.6349

■ 80.2537, 81.1693,
70.7910

■ 48.8725, 36.1705,
5.5683

■ 87.8209, 90.8888,
90.0067

■ 46.9445, 32.6385, 95.0498, 99.9999,
3.9262 108.9000

■ 46.7089, 32.1981,
3.7530

Harmonies

Analogous

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



69.5658, 57.1797, 40.4931



62.4772, 57.1797, 29.2166



53.7969, 57.1797, 26.0044

Triad

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



62.4772, 57.1797, 29.2166



39.4878, 57.1797, 63.8549



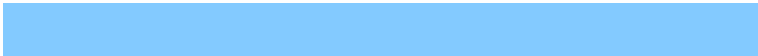
63.5334, 57.1797, 111.5112

Complementary

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



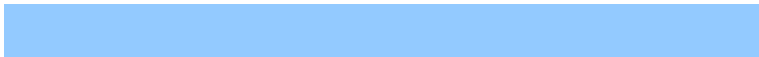
62.4772, 57.1797, 29.2166



48.5295, 54.2839, 102.5274

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.



54.9020, 57.1797, 122.3286



62.4772, 57.1797, 29.2166



41.5283, 57.1797, 90.6908

Square

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



62.4772, 57.1797, 29.2166



41.0682, 57.1797, 42.5857



46.9557, 57.1797, 113.8614



70.2193, 57.1797, 87.2140

Rectangle

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



62.4772, 57.1797, 29.2166



48.4255, 57.1797, 27.9423



46.9557, 57.1797, 113.8614



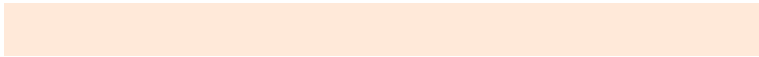
60.7338, 57.1797, 117.0944

Sweetspot

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



62.4786, 57.1825, 29.2177



82.8993, 84.5916, 77.4338



60.1757, 41.8207, 61.6093



17.4118, 17.6773, 15.7380



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.



62.4786, 57.1825, 29.2177



58.3344, 51.1942, 20.7444



77.8883, 88.0018, 34.3543



18.6478, 19.2637, 18.8798



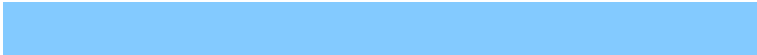
24.5475, 17.1062, 2.0080



2.4958, 1.8771, 0.2308

Inverse Universe

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



48.5295, 54.2839, 102.5274



42.9262, 47.9536, 101.6013



36.9846, 31.1941, 98.6791



17.8665, 19.1046, 22.9958



14.9533, 14.8162, 51.5063



1.5644, 1.6595, 5.0511

Previews

White Background



This preview shows how the XYZ color 62.4772, 57.1797, 29.2166 looks on a white background.

Color Contrast Check

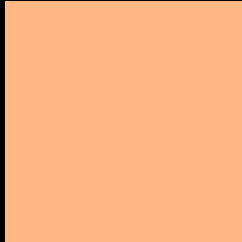
Large Text (above 18pt) WCAG AA × Fail

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 62.4772, 57.1797, 29.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

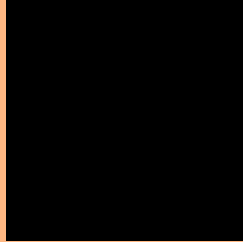
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4772, 57.1797, 29.2166

Background



This preview shows how black text looks on a background with the XYZ color 62.4772, 57.1797, 29.2166.



This preview shows how white text looks on a background with the XYZ color 62.4772, 57.1797,

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

62.4772, 57.1797, 29.2166

Protanopia

53.2577, 57.2519, 31.9107

Deuteranopia

58.5952, 57.3986, 29.1098



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

62.4772, 57.1797, 29.2166

Protanomaly

56.2981, 57.1558, 30.9866

Deuteranomaly

59.6687, 56.9906, 28.9745

Tritanomaly

64.9253, 57.1723, 45.1495

Monochromacy



Original Color

62.4772, 57.1797, 29.2166

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1452, 56.6996, 48.0294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4772, 57.1797, 29.2166 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 131) }
```

Border

The CSS property to change the border of an element to XYZ 62.4772, 57.1797, 29.2166 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, 131) }
```


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

```
.border{ border-color:rgb(255, 184, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4772, 57.1797, 29.2166 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, 131) }
```

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

```
.background{ background-color: rgb(255,  
184, 131) }
```

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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