

Converting Colors

XYZ(64.2298, 58.8087, 24.7572)

Have a look what the booklet for
XYZ(64.2298, 58.8087, 24.7572)
contains.

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Color

**XYZ(62.0098, 57.6622,
24.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA75
RGB	255, 186, 117
RGB Percent	100%, 73%, 46%
CMY	0.0000, 0.2706, 0.5412
CMYK	0.00, 0.27, 0.54, 0.00
HSL	30°, 100%, 73%
HSV	30°, 54%, 100%
XYZ	62.0098, 57.6622, 24.6913
YIQ	198.7650, 63.2730, -6.8310

Conversions

Conversions Part 2

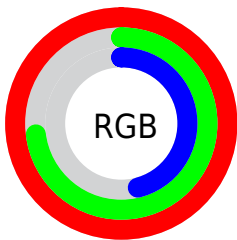
Format	Color
RYB	255, 255, 117
Decimal	16759413
CIELab	80.55, 17.49, 44.50
CIELCh	81, 47.817, 68.548
Yxy	57.6622, 0.4295, 0.3994
Android (android.graphics.Color)	4294949493 (0xFFFFBA75)
YUV	198.7650, -40.3101, 49.3181
Hunter-Lab	75.9356, 12.8775, 33.8762

Details

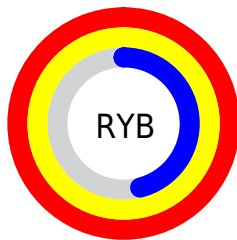
The XYZ color **62.0098, 57.6622, 24.6913** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.9441, 46.1176, 101.2455**, and the grayscale version is **54.3553, 57.1860, 62.2755**.

A 20% lighter version of the original color is **80.2478, 87.6665, 50.7220**, and **31.9063, 28.7824, 9.1841** is the 20% darker color. If you saturate the color by 10%, you get **58.1430, 52.0101, 16.9860**, and if you desaturate by 10%, it is **66.5274, 63.9626, 34.6289**.

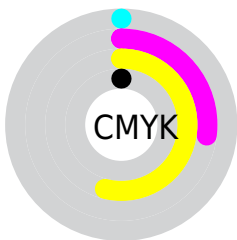
Distribution



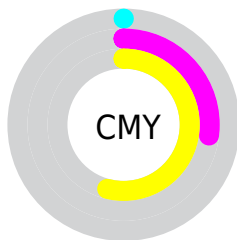
- Red (100%)
- Green (73%)
- Blue (46%)



- Red (100%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0098, 57.6622, 24.6913 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 62.0098, 57.6622, 24.6913 by changing the saturation by 10% instead.


 62.0098, 57.6622,
24.6913

 62.0098, 57.6622,
24.6913


421.6838,
415.9260, 289.6954

 45.2962, 41.5371,
15.6303


 106.8296,
101.4308, 52.1139

 31.8931, 28.7390,
9.1114


 135.6665,
129.8431, 71.3125

 21.4350, 18.8835,
4.7161

 169.2752,
163.1199, 94.7274

 13.5566, 11.5861,
2.0259

208.0211,
201.6457, 122.7772

 7.8926, 6.4625,
0.5711

252.2696,
245.8048, 155.8803

 4.0775, 3.1283,
0.0000

302.3860,

 1.7461, 1.1991,

295.9816, 194.4554

0.0000

358.7356,
352.5606, 238.9209

0.4849, 0.0610,
0.0000

0.0000, 0.0000,
0.0000

62.0098, 57.6622,
24.6913

62.0098, 57.6622,
24.6913

58.1430, 52.0101,
16.9860

66.5274, 63.9626,
34.6289

54.8825, 46.9718,
11.3285

71.7277, 70.9268,
46.9566

52.1838, 42.5212,
7.5096

77.6454, 78.5803,
61.8214

49.9916, 38.6255,
5.2727

84.3111, 86.9442,
79.3575

48.8953, 36.5710,
4.4818

91.7536, 96.0388,
99.6895

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.



70.9486, 57.6622, 34.7437



62.0098, 57.6622, 24.6913



52.0460, 57.6622, 23.0401

Triad

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



62.0098, 57.6622, 24.6913



38.1667, 57.6622, 71.1740



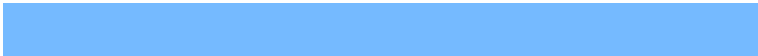
67.4418, 57.6622, 115.3167

Complementary

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



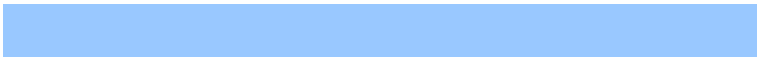
62.0098, 57.6622, 24.6913



42.9441, 46.1176, 101.2455

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.



57.6623, 57.6622, 132.9245



62.0098, 57.6622, 24.6913



41.3192, 57.6622, 102.8954

Square

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



62.0098, 57.6622, 24.6913



39.0366, 57.6622, 45.0029



48.1833, 57.6622, 127.8025



74.3363, 57.6622, 84.7233

Rectangle

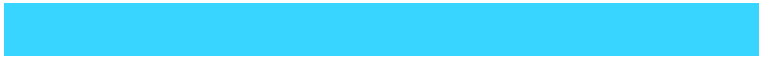
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.0098, 57.6622, 24.6913



46.2648, 57.6622, 26.2416



48.1833, 57.6622, 127.8025



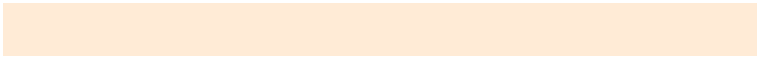
64.3391, 57.6622, 123.3112

Sweetspot

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



62.0112, 57.6650, 24.6924



82.9976, 85.3142, 75.8452



56.4644, 37.5282, 50.7225



17.4642, 17.8856, 15.4363



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.



62.0112, 57.6650, 24.6924



57.8314, 51.5409, 16.4067



80.2107, 94.0640, 30.7589



18.7598, 19.4879, 18.9171



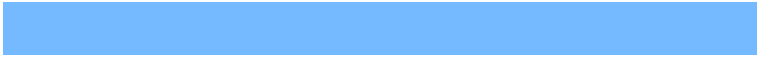
25.6983, 19.4078, 2.3916



2.6114, 2.1081, 0.2693

Inverse Universe

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



42.9441, 46.1176, 101.2455



36.9688, 38.9061, 100.1689



31.7479, 23.7251, 97.5134



17.7533, 18.8783, 22.9581



13.5795, 12.0686, 51.0483



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 62.0098, 57.6622, 24.6913 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 62.0098, 57.6622, 24.6913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

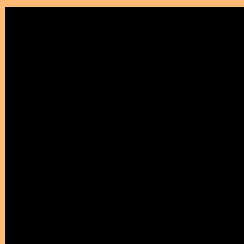
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0098, 57.6622, 24.6913

Background



This preview shows how black text looks on a background with the XYZ color 62.0098, 57.6622, 24.6913.



This preview shows how white text looks on a background with the XYZ color 62.0098, 57.6622,

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

62.0098, 57.6622, 24.6913

Protanopia

53.3805, 57.7738, 26.7503

Deuteranopia

59.0914, 57.7557, 24.5565



Tritanopia

67.0757, 57.7083, 57.4727

Trichromacy



Original Color

62.0098, 57.6622, 24.6913

Protanomaly

56.1840, 57.5421, 25.9148

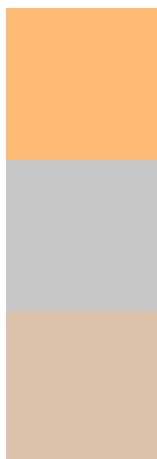
Deuteranomaly

60.0614, 57.6126, 24.4778

Tritanomaly

64.7595, 57.4325, 43.2697

Monochromacy



Original Color

62.0098, 57.6622, 24.6913

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6666, 56.5082, 45.5093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0098, 57.6622, 24.6913 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, 186, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 117)  
}
```

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, 186, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 117) }
```

Border

The CSS property to change the border of an element to XYZ 62.0098, 57.6622, 24.6913 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, 186, 117) }
```


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

```
.border{ border-color:rgb(255, 186, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0098, 57.6622, 24.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 117) }
```

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

```
.background{ background-color: rgb(255,  
186, 117) }
```

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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