

Converting Colors

XYZ(62.4400, 57.9997, 26.4467)

Have a look what the booklet for
XYZ(62.4400, 57.9997, 26.4467)
contains.

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Color

**XYZ(62.3118, 57.7830,
26.2814)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA7A
RGB	255, 186, 122
RGB Percent	100%, 73%, 48%
CMY	0.0000, 0.2706, 0.5216
CMYK	0.00, 0.27, 0.52, 0.00
HSL	29°, 100%, 74%
HSV	29°, 52%, 100%
XYZ	62.3118, 57.7830, 26.2814
YIQ	199.3350, 61.6680, -5.2760

Conversions

Conversions Part 2

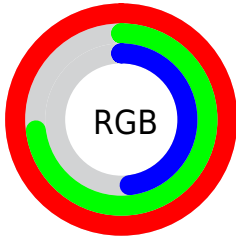
Format	Color
R _Y B	255, 245, 122
Decimal	16759418
CIE Lab	80.62, 17.90, 42.06
CIE LCh	81, 45.708, 66.944
Yxy	57.7830, 0.4257, 0.3948
Android (android.graphics.Color)	4294949498 (0xFFFFBA7A)
YUV	199.3350, -38.1262, 48.8182
Hunter-Lab	76.0151, 13.2951, 32.7117

Details

The XYZ color **62.3118, 57.7830, 26.2814** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7059, 48.6170, 101.6352**, and the grayscale version is **54.6925, 57.5408, 62.6619**.

A 20% lighter version of the original color is **80.7300, 87.8594, 53.2611**, and **32.0629, 28.8450, 10.0086** is the 20% darker color. If you saturate the color by 10%, you get **58.2756, 51.9161, 18.1373**, and if you desaturate by 10%, it is **67.0234, 64.3374, 36.6966**.

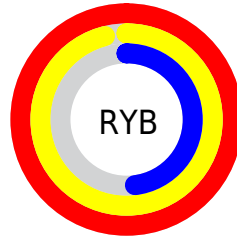
Distribution



Red (100%)

Green (73%)

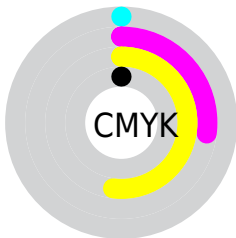
Blue (48%)



Red (100%)

Yellow (96%)

Blue (48%)

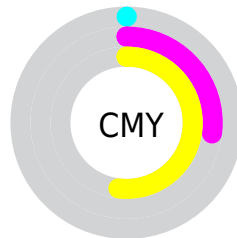


Cyan (0%)

Magenta (27%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3118, 57.7830, 26.2814 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 62.3118, 57.7830, 26.2814 by changing the saturation by 10% instead.


 62.3118, 57.7830,
26.2814

 62.3118, 57.7830,
26.2814


422.7670,
416.3769, 297.8100


 45.5412, 41.6342,
16.8066


 107.2634,
101.6068, 54.7182

 32.0870, 28.8150,
9.9362


 136.1752,
130.0506, 74.5173

 21.5839, 18.9409,
5.2516


 169.8648,
163.3615, 98.5950

 13.6663, 11.6276,
2.3343

208.6975,
201.9240, 127.3697

 7.9691, 6.4906,
0.7504

253.0388,
246.1223, 161.2600

 4.1268, 3.1456,
0.0000

303.2538,

 1.7741, 1.2082,

296.3410, 200.6845

0.0000

359.7081,
352.9644, 246.0617

0.5020, 0.0684,
0.0000

0.0000, 0.0000,
0.0000

62.3118, 57.7830,
26.2814

62.3118, 57.7830,
26.2814

58.2756, 51.9161,
18.1373

67.0234, 64.3374,
36.6966

54.8703, 46.7009,
12.0838

72.4423, 71.5960,
49.5374

52.0519, 42.1106,
7.9183

78.6034, 79.5853,
64.9488

49.7666, 38.1113,
5.3952

85.5376, 88.3277,
83.0630

48.2879, 35.3560,
4.2793

93.2739, 97.8444,
104.0033

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



70.6786, 57.7830, 36.6397



62.3118, 57.7830, 26.2814



52.7636, 57.7830, 24.2374

Triad

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



62.3118, 57.7830, 26.2814



38.8549, 57.7830, 69.3872



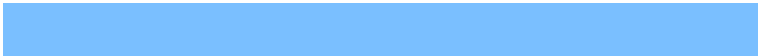
66.5225, 57.7830, 114.0478

Complementary

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



62.3118, 57.7830, 26.2814



44.7059, 48.6170, 101.6352

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.



57.1364, 57.7830, 129.5996



62.3118, 57.7830, 26.2814



41.6990, 57.7830, 99.4588

Square

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



62.3118, 57.7830, 26.2814



39.9058, 57.7830, 44.7349



48.1390, 57.7830, 123.6120



73.2969, 57.7830, 85.4558

Rectangle

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



62.3118, 57.7830, 26.2814



47.1278, 57.7830, 27.1200



48.1390, 57.7830, 123.6120



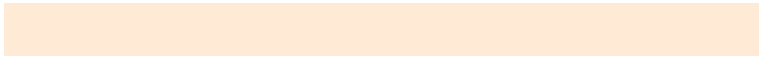
63.5292, 57.7830, 121.2972

Sweetspot

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



62.3132, 57.7858, 26.2825



82.7790, 84.8769, 75.7723



57.8179, 39.0268, 54.8991



17.4122, 17.7816, 15.4189



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.



62.3132, 57.7858, 26.2825



57.9645, 51.4512, 17.5482



79.1147, 91.3889, 31.8830



18.7307, 19.4296, 18.9074



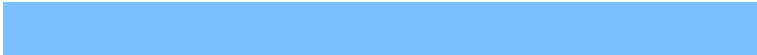
25.3793, 18.7698, 2.2853



2.5798, 2.0449, 0.2587

Inverse Universe

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



44.7059, 48.6170, 101.6352



38.5604, 41.3348, 100.5538



33.5929, 26.3910, 97.9309



17.7825, 18.9367, 22.9679



13.9134, 12.7364, 51.1596



1.4641, 1.4590, 5.0177

Previews

White Background



This preview shows how the XYZ color 62.3118, 57.7830, 26.2814 looks on a white background.

Color Contrast Check

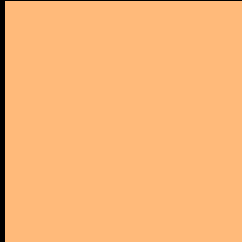
Large Text (above 18pt) WCAG AA × Fail

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 62.3118, 57.7830, 26.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

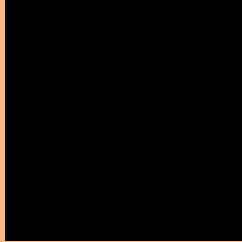
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3118, 57.7830, 26.2814

Background



This preview shows how black text looks on a background with the XYZ color 62.3118, 57.7830, 26.2814.



This preview shows how white text looks on a background with the XYZ color 62.3118, 57.7830,

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

62.3118, 57.7830, 26.2814

Protanopia

53.4640, 57.7725, 28.7554

Deuteranopia

59.0441, 57.6968, 26.1138



Tritanopia

67.0757, 57.7083, 57.4727

Trichromacy



Original Color

62.3118, 57.7830, 26.2814

Protanomaly

56.2360, 57.5255, 27.8782

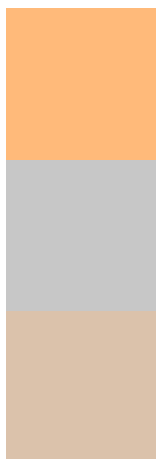
Deuteranomaly

60.0066, 57.5498, 26.0347

Tritanomaly

64.9430, 57.5059, 44.2361

Monochromacy



Original Color

62.3118, 57.7830, 26.2814

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8559, 56.5839, 46.5059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3118, 57.7830, 26.2814 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 122) }
```

Border

The CSS property to change the border of an element to XYZ 62.3118, 57.7830, 26.2814 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, 122) }
```


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

```
.border{ border-color:rgb(255, 186, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3118, 57.7830, 26.2814 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, 122) }
```

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

```
.background{ background-color: rgb(255,  
186, 122) }
```

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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