

Converting Colors

XYZ(62.9990, 57.0768, 33.0828)

Have a look what the booklet for
XYZ(62.9990, 57.0768, 33.0828)
contains.

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Color

**XYZ(62.9812, 57.0501,
32.8916)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFB78D
RGB	255, 183, 141
RGB Percent	100%, 72%, 55%
CMY	0.0000, 0.2823, 0.4471
CMYK	0.00, 0.28, 0.45, 0.00
HSL	22°, 100%, 78%
HSV	22°, 45%, 100%
XYZ	62.9812, 57.0501, 32.8916
YIQ	199.7400, 56.3940, 2.2020

Conversions

Conversions Part 2

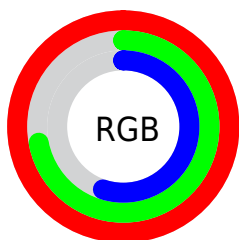
Format	Color
RYB	255, 208, 141
Decimal	16758669
CIELab	80.21, 21.22, 31.68
CIELCh	80, 38.129, 56.186
Yxy	57.0501, 0.4118, 0.3731
Android (android.graphics.Color)	4294948749 (0xFFFFB78D)
YUV	199.7400, -28.9588, 48.4630
Hunter-Lab	75.5315, 16.6603, 27.0531

Details

The XYZ color **62.9812, 57.0501, 32.8916** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8276, 60.4686, 103.4948**, and the grayscale version is **54.8892, 57.7478, 62.8873**.

A 20% lighter version of the original color is **81.9568, 86.9331, 64.0899**, and **32.5930, 28.4392, 13.4443** is the 20% darker color. If you saturate the color by 10%, you get **58.1643, 50.1112, 22.9783**, and if you desaturate by 10%, it is **68.6179, 64.9294, 45.2342**.

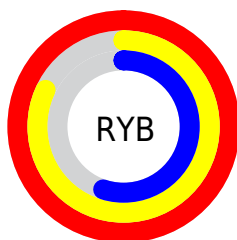
Distribution



Red (100%)

Green (72%)

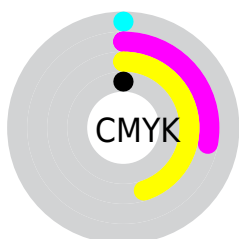
Blue (55%)



Red (100%)

Yellow (82%)

Blue (55%)

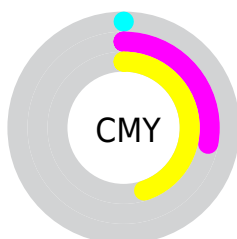


Cyan (0%)

Magenta (28%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (28%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9812, 57.0501, 32.8916 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 62.9812, 57.0501, 32.8916 by changing the saturation by 10% instead.


 62.9812, 57.0501,
32.8916


 62.9812, 57.0501,
32.8916


425.1620,
413.6370, 329.7780


 46.0846, 41.0455,
21.7730


 108.2244,
100.5383, 65.3203

 32.5175, 28.3546,
13.4935


 137.3016,
128.7906, 87.4675

 21.9145, 18.5931,
7.6345


 171.1698,
161.8943, 114.1279

 13.9104, 11.3767,
3.7776

210.1942,
200.2338, 145.7202

 8.1396, 6.3208,
1.5041

254.7403,
244.1934, 182.6628

 4.2370, 3.0411,
0.2210


305.1734,


 1.8371, 1.1532,

294.1575, 225.3742


0.0000


361.8589,
350.5106, 274.2731


 0.5398, 0.0230,
0.0000


 0.0000, 0.0000,
0.0000


 62.9812, 57.0501,
32.8916


 62.9812, 57.0501,
32.8916

 58.1643, 50.1112,
22.9783


 68.6179, 64.9294,
45.2342


 54.1197, 44.0667,
15.3266

 75.1096, 73.7761,
60.1516

 50.8011, 38.8788,
9.7525

 82.4948, 83.6262,
77.7817

 48.1544, 34.5030,
6.0413

 90.8079, 94.5114,
98.2517

46.1152, 30.8891, 95.0499, 99.9999,
3.9296 108.9000

45.2391, 29.2583,
3.2631

Harmonies

Analogous

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



68.7844, 57.0501, 45.0671



62.9812, 57.0501, 32.8916



55.2253, 57.0501, 28.4298

Triad

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



62.9812, 57.0501, 32.8916



40.6276, 57.0501, 59.3121



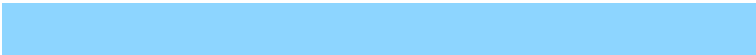
61.0964, 57.0501, 109.0322

Complementary

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



62.9812, 57.0501, 32.8916



52.8276, 60.4686, 103.4948

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.



53.2357, 57.0501, 115.4122



62.9812, 57.0501, 32.8916



41.8793, 57.0501, 83.0037

Square

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



62.9812, 57.0501, 32.8916



42.7223, 57.0501, 41.1990



46.3194, 57.0501, 104.9388



67.6253, 57.0501, 89.1355

Rectangle

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



62.9812, 57.0501, 32.8916



50.1608, 57.0501, 29.3926



46.3194, 57.0501, 104.9388



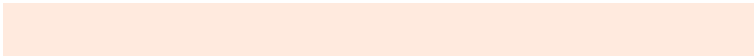
58.5017, 57.0501, 113.0062

Sweetspot

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



62.9826, 57.0529, 32.8927



83.8460, 85.4085, 81.0682



62.8007, 45.1245, 68.4842



17.5733, 17.7884, 16.4448



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.



62.9826, 57.0529, 32.8927



58.4783, 50.5710, 23.6013



77.1489, 85.3855, 37.6148



18.5575, 19.0831, 18.8497



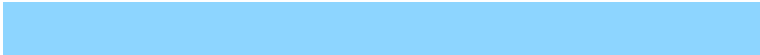
23.7685, 15.5482, 1.7484



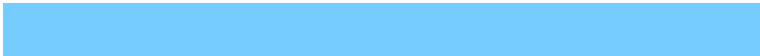
2.4144, 1.7141, 0.2036

Inverse Universe

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



52.8276, 60.4686, 103.4948



47.0815, 54.3328, 102.6136



40.9570, 36.7274, 99.5379



17.9593, 19.2901, 23.0268



16.2421, 17.3938, 51.9359



1.6859, 1.9025, 5.0916

Previews

White Background



This preview shows how the XYZ color 62.9812, 57.0501, 32.8916 looks on a white background.

Color Contrast Check

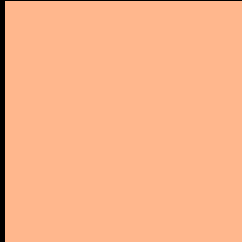
Large Text (above 18pt) WCAG AA × Fail

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 62.9812, 57.0501, 32.8916 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 62.9812, 57.0501, 32.8916

Background



This preview shows how black text looks on a background with the XYZ color 62.9812, 57.0501, 32.8916.



This preview shows how white text looks on a background with the XYZ color 62.9812, 57.0501,

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

62.9812, 57.0501, 32.8916

Protanopia

53.5003, 57.2811, 36.2536

Deuteranopia

58.2161, 57.1302, 32.3850




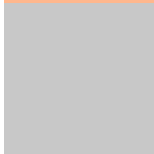
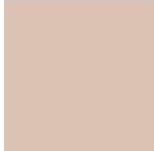
Tritanopia

66.5644, 56.8624, 56.7574

Trichromacy

	Original Color 62.9812, 57.0501, 32.8916
	Protanomaly 56.4939, 56.8423, 34.7822
	Deuteranomaly 60.0251, 57.0930, 32.6673
	Tritanomaly 65.1041, 56.9196, 47.0904

Monochromacy

	Original Color 62.9812, 57.0501, 32.8916
	Achromatopsia 54.8990, 57.7580, 62.8985
	Achromatomaly 56.9437, 57.0539, 50.6591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9812, 57.0501, 32.8916 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, 183, 141) looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 141)  
}
```

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, 183, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 141) }
```

Border

The CSS property to change the border of an element to XYZ 62.9812, 57.0501, 32.8916 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, 183, 141) }
```


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

```
.border{ border-color:rgb(255, 183, 141) }
```

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

Here you see how a box with a 4 pixel rgb(255, 183, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9812, 57.0501, 32.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 141) }
```

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

```
.background{ background-color: rgb(255,  
183, 141) }
```

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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