

Converting Colors

XYZ(97.5518, 75.4166, 34.1676)

Have a look what the booklet for
XYZ(97.5518, 75.4166, 34.1676)
contains.

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Color

**XYZ(63.3226, 57.8514,
32.6399)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB98C
RGB	255, 185, 140
RGB Percent	100%, 73%, 55%
CMY	0.0000, 0.2745, 0.4510
CMYK	0.00, 0.27, 0.45, 0.00
HSL	23°, 100%, 77%
HSV	23°, 45%, 100%
XYZ	63.3226, 57.8514, 32.6399
YIQ	200.8000, 56.1650, 0.8450

Conversions

Conversions Part 2

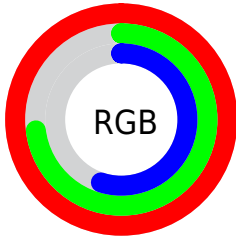
Format	Color
R _Y B	255, 214, 140
Decimal	16759180
CIE Lab	80.66, 20.07, 32.80
CIE LCh	81, 38.451, 58.532
Yxy	57.8514, 0.4117, 0.3761
Android (android.graphics.Color)	4294949260 (0xFFFFB98C)
YUV	200.8000, -29.9744, 47.5334
Hunter-Lab	76.0601, 15.5021, 27.7988

Details

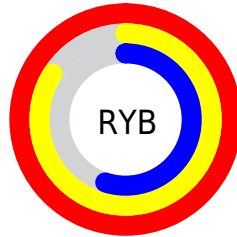
The XYZ color **63.3226, 57.8514, 32.6399** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9108, 58.8862, 103.2377**, and the grayscale version is **55.5502, 58.4431, 63.6446**.

A 20% lighter version of the original color is **82.4329, 88.0656, 63.6926**, and **32.8194, 28.9596, 13.3112** is the 20% darker color. If you saturate the color by 10%, you get **58.5844, 51.0435, 22.8344**, and if you desaturate by 10%, it is **68.8538, 65.5481, 44.8602**.

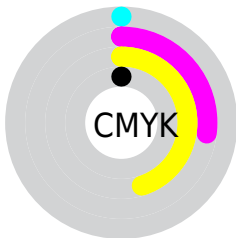
Distribution



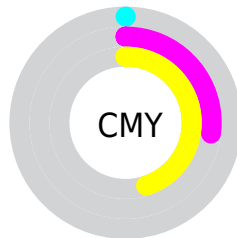
- Red (100%)
- Green (73%)
- Blue (55%)



- Red (100%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3226, 57.8514, 32.6399 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 63.3226, 57.8514, 32.6399 by changing the saturation by 10% instead.


 63.3226, 57.8514,
32.6399

 63.3226, 57.8514,
32.6399


426.3804,
416.6320, 328.6061


 46.3619, 41.6892,
21.5819


 108.7140,
101.7064, 64.9224

 32.7373, 28.8580,
13.3546


 137.8754,
130.1680, 86.9840

 22.0835, 18.9734,
7.5396


 171.8343,
163.4983, 113.5505

 14.0352, 11.6511,
3.7183

210.9562,
202.0815, 145.0405

 8.2271, 6.5066,
1.4721

255.6064,
246.3020, 181.8725

 4.2936, 3.1555,
0.1970

306.1503,

 1.8695, 1.2134,

296.5444, 224.4651

0.0000

362.9532,
353.1929, 273.2368

■ 0.5590, 0.0726,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3226, 57.8514,
32.6399

■ 63.3226, 57.8514,
32.6399

■ 58.5844, 51.0435,
22.8344

■ 68.8538, 65.5481,
44.8602

■ 54.5931, 45.0812,
15.2757

■ 75.2121, 74.1578,
59.6409

■ 51.3037, 39.9295,
9.7796

■ 82.4347, 83.7142,
77.1200

■ 48.6635, 35.5472,
6.1303

■ 90.5550, 94.2465,
97.4243

■ 46.6094, 31.8877, 95.0499, 100.0000,
4.0625 108.9000

■ 45.7775, 30.3351,
3.4425

Harmonies

Analogous

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



69.4753, 57.8514, 44.3751



63.3226, 57.8514, 32.6399



55.3770, 57.8514, 28.6838

Triad

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



63.3226, 57.8514, 32.6399



41.1276, 57.8514, 61.8798



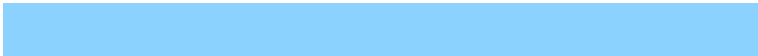
62.5832, 57.8514, 109.5863

Complementary

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



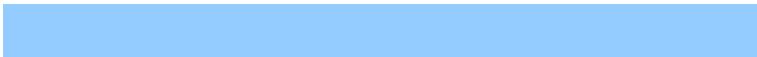
63.3226, 57.8514, 32.6399



51.9108, 58.8862, 103.2377

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.



54.5969, 57.8514, 117.4042



63.3226, 57.8514, 32.6399



42.6658, 57.8514, 86.1960

Square

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



63.3226, 57.8514, 32.6399



42.9960, 57.8514, 42.8607



47.4152, 57.8514, 107.9782



69.0204, 57.8514, 88.6031

Rectangle

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



63.3226, 57.8514, 32.6399



50.2878, 57.8514, 30.0341



47.4152, 57.8514, 107.9782



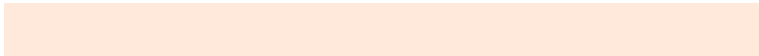
59.9681, 57.8514, 114.0345

Sweetspot

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



63.3240, 57.8542, 32.6410



83.2815, 84.8219, 79.2079



62.3657, 44.7156, 66.9175



17.4716, 17.6916, 16.0820



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.



63.3240, 57.8542, 32.6410



59.0673, 51.7489, 23.7976



77.6019, 86.4100, 37.4003



18.5924, 19.1530, 18.8613



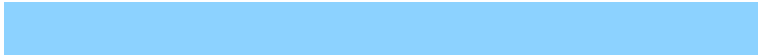
24.0545, 16.1202, 1.8437



2.4447, 1.7747, 0.2137

Inverse Universe

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



51.9108, 58.8862, 103.2377



46.3389, 52.8475, 102.3660



40.3253, 35.7152, 99.3759



17.9232, 19.2180, 23.0147



15.7235, 16.3566, 51.7630



1.6373, 1.8053, 5.0754

Previews

White Background



This preview shows how the XYZ color 63.3226, 57.8514, 32.6399 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 63.3226, 57.8514, 32.6399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

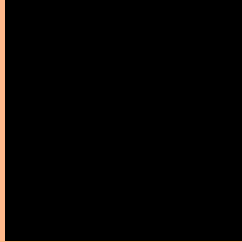
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3226, 57.8514, 32.6399

Background



This preview shows how black text looks on a background with the XYZ color 63.3226, 57.8514, 32.6399.



This preview shows how white text looks on a background with the XYZ color 63.3226, 57.8514,

32.6399.

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

63.3226, 57.8514, 32.6399

Protanopia

53.9451, 57.8622, 35.9291

Deuteranopia

59.1064, 57.9141, 32.4894



Tritanopia

67.0757, 57.7083, 57.4727

Trichromacy



Original Color

63.3226, 57.8514, 32.6399

Protanomaly

57.1823, 57.8668, 34.5411

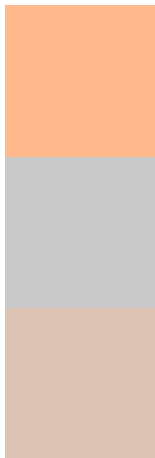
Deuteranomaly

60.5140, 57.6717, 32.3684

Tritanomaly

65.5108, 57.7330, 47.2260

Monochromacy



Original Color

63.3226, 57.8514, 32.6399

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.4706, 57.6570, 50.7477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3226, 57.8514, 32.6399 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, 185, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 140)  
}
```

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, 185, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 140) }
```

Border

The CSS property to change the border of an element to XYZ 63.3226, 57.8514, 32.6399 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, 185, 140) }
```


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

```
.border{ border-color:rgb(255, 185, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3226, 57.8514, 32.6399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 140) }
```

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

```
.background{ background-color: rgb(255,  
185, 140) }
```

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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