

Converting Colors

XYZ(62.4852, 58.5185, 25.1423)

Have a look what the booklet for
XYZ(62.4852, 58.5185, 25.1423)
contains.

XYZ(62.4932, 58.5344, 25.1441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.4932, 58.5344,
25.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC76
RGB	255, 188, 118
RGB Percent	100%, 74%, 46%
CMY	0.0000, 0.2627, 0.5372
CMYK	0.00, 0.26, 0.54, 0.00
HSL	31°, 100%, 73%
HSV	31°, 54%, 100%
XYZ	62.4932, 58.5344, 25.1441
YIQ	200.0530, 62.4020, -7.5660

Conversions

Conversions Part 2

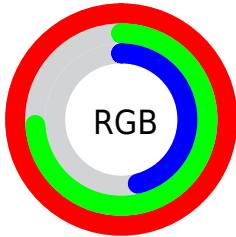
Format	Color
RYB	249, 255, 118
Decimal	16759926
CIELab	81.03, 16.52, 44.60
CIELCh	81, 47.561, 69.670
Yxy	58.5344, 0.4275, 0.4004
Android (android.graphics.Color)	4294950006 (0xFFFFBC76)
YUV	200.0530, -40.4521, 48.1885
Hunter-Lab	76.5078, 11.9140, 34.0699

Details

The XYZ color **62.4932, 58.5344, 25.1441** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.8694, 45.7675, 101.1819**, and the grayscale version is **55.1481, 58.0201, 63.1839**.

A 20% lighter version of the original color is **80.9414, 88.9016, 51.4217**, and **32.2130, 29.3474, 9.4356** is the 20% darker color. If you saturate the color by 10%, you get **58.6283, 52.9108, 17.3635**, and if you desaturate by 10%, it is **67.0007, 64.7879, 35.1605**.

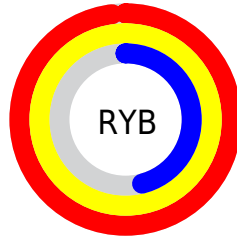
Distribution



Red (100%)

Green (74%)

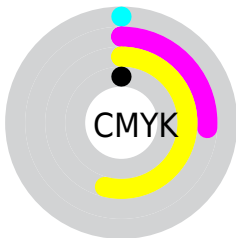
Blue (46%)



Red (98%)

Yellow (100%)

Blue (46%)

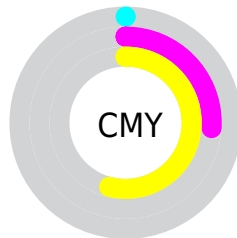


Cyan (0%)

Magenta (26%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4932, 58.5344, 25.1441 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 62.4932, 58.5344, 25.1441 by changing the saturation by 10% instead.


 62.4932, 58.5344,
25.1441

 62.4932, 58.5344,
25.1441


423.4168,
419.1743, 292.0254


 45.6884, 42.2384,
15.9644


 107.5239,
102.7007, 52.8579

 32.2036, 29.2880,
9.3449


 136.4806,
131.3397, 72.2292

 21.6734, 19.2988,
4.8670


 170.2187,
164.8620, 95.8347

 13.7324, 11.8864,
2.1120


209.1035,
203.6518, 124.0930

 8.0152, 6.6664,
0.6229

253.5003,
248.0935, 157.4227

 4.1566, 3.2543,
0.0000

303.7746,

 1.7911, 1.2659,

298.5716, 196.2423

0.0000

360.2916,
355.4704, 240.9704

■ 0.5123, 0.1146,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4932, 58.5344,
25.1441

■ 62.4932, 58.5344,
25.1441

■ 58.6283, 52.9108,
17.3635

■ 67.0007, 64.7879,
35.1605

■ 55.3621, 47.8835,
11.6351

■ 72.1821, 71.6859,
47.5695

■ 52.6508, 43.4274,
7.7514

■ 78.0717, 79.2530,
62.5176

■ 50.4402, 39.5110,
5.4582

■ 84.6995, 87.5097,
80.1385

49.2628, 37.3058,
4.6043

92.0941, 96.4753,
100.5563

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.



71.5605, 58.5344, 34.9513



62.4932, 58.5344, 25.1441



52.5077, 58.5344, 23.7642

Triad

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



62.4932, 58.5344, 25.1441



38.9443, 58.5344, 73.3071



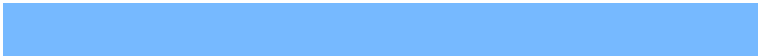
68.6518, 58.5344, 115.3972

Complementary

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



62.4932, 58.5344, 25.1441



42.8694, 45.7675, 101.1819

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.



58.8845, 58.5344, 133.7371



62.4932, 58.5344, 25.1441



42.2674, 58.5344, 105.1108

Square

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



62.4932, 58.5344, 25.1441



39.6682, 58.5344, 46.6530



49.2982, 58.5344, 129.4987



75.3976, 58.5344, 84.5456

Rectangle

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



62.4932, 58.5344, 25.1441



46.7592, 58.5344, 27.2103



49.2982, 58.5344, 129.4987



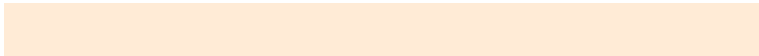
65.5688, 58.5344, 123.5904

Sweetspot

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



62.4946, 58.5373, 25.1452



83.1254, 85.5697, 75.8878



56.6348, 37.7838, 51.0421



17.4946, 17.9464, 15.4464



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.



62.4946, 58.5373, 25.1452



58.5308, 52.7647, 17.1791



80.2698, 94.0876, 31.0703



18.7768, 19.5219, 18.9228



25.8910, 19.7932, 2.4559



2.6303, 2.1459, 0.2756

Inverse Universe

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



42.8694, 45.7675, 101.1819



37.1214, 38.8404, 100.1482



32.0001, 24.0291, 97.5588



17.7364, 18.8444, 22.9525



13.3919, 11.6934, 50.9858



1.4129, 1.3564, 5.0006

Previews

White Background



This preview shows how the XYZ color 62.4932, 58.5344, 25.1441 looks on a white background.

Color Contrast Check

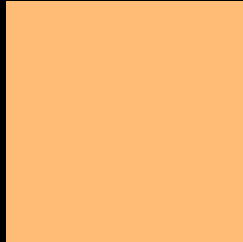
Large Text (above 18pt) WCAG AA × Fail

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 62.4932, 58.5344, 25.1441 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 62.4932, 58.5344, 25.1441

Background



This preview shows how black text looks on a background with the XYZ color 62.4932, 58.5344, 25.1441.



This preview shows how white text looks on a background with the XYZ color 62.4932, 58.5344,

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

62.4932, 58.5344, 25.1441

Protanopia

54.2109, 58.8868, 27.2480

Deuteranopia

59.7167, 58.3961, 24.9538



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

62.4932, 58.5344, 25.1441

Protanomaly

57.0217, 58.6366, 26.4018

Deuteranomaly

60.9086, 58.6857, 24.9469

Tritanomaly

65.2634, 58.2942, 43.8885

Monochromacy



Original Color

62.4932, 58.5344, 25.1441

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.5108, 57.5978, 46.1693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4932, 58.5344, 25.1441 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, 188, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 118)  
}
```

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, 188, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 118) }
```

Border

The CSS property to change the border of an element to XYZ 62.4932, 58.5344, 25.1441 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, 188, 118) }
```


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

```
.border{ border-color:rgb(255, 188, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4932, 58.5344, 25.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 118) }
```

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

```
.background{ background-color: rgb(255,  
188, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor