

Converting Colors

XYZ(62.0052, 57.4285, 24.8124)

Have a look what the booklet for
XYZ(62.0052, 57.4285, 24.8124)
contains.

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Color

**XYZ(61.8590, 57.2659,
24.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB976
RGB	255, 185, 118
RGB Percent	100%, 73%, 46%
CMY	0.0000, 0.2745, 0.5372
CMYK	0.00, 0.27, 0.54, 0.00
HSL	29°, 100%, 73%
HSV	29°, 54%, 100%
XYZ	61.8590, 57.2659, 24.9326
YIQ	198.2920, 63.2270, -5.9970

Conversions

Conversions Part 2

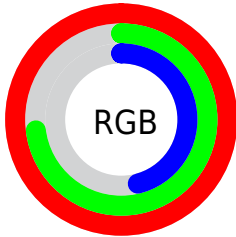
Format	Color
R _Y B	255, 249, 118
Decimal	16759158
CIE Lab	80.33, 18.09, 43.73
CIE LCh	80, 47.321, 67.522
Yxy	57.2659, 0.4294, 0.3975
Android (android.graphics.Color)	4294949238 (0xFFFFB976)
YUV	198.2920, -39.5840, 49.7329
Hunter-Lab	75.6742, 13.4828, 33.4375

Details

The XYZ color **61.8590, 57.2659, 24.9326** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.5036, 47.0360, 101.3935**, and the grayscale version is **54.0619, 56.8773, 61.9394**.

A 20% lighter version of the original color is **80.0460, 87.1109, 51.1233**, and **31.8003, 28.5220, 9.2981** is the 20% darker color. If you saturate the color by 10%, you get **57.9421, 51.5383, 17.1347**, and if you desaturate by 10%, it is **66.4380, 63.6624, 34.9728**.

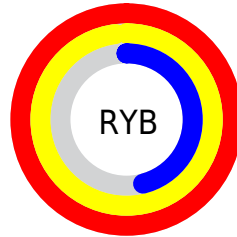
Distribution



Red (100%)

Green (73%)

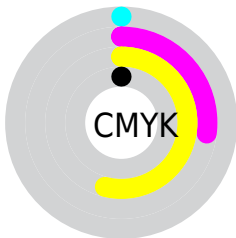
Blue (46%)



Red (100%)

Yellow (98%)

Blue (46%)

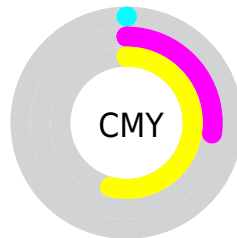


Cyan (0%)

Magenta (27%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8590, 57.2659, 24.9326 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 61.8590, 57.2659, 24.9326 by changing the saturation by 10% instead.

61.8590, 57.2659,
24.9326

61.8590, 57.2659,
24.9326

421.1423,
414.4449, 290.9390

45.1739, 41.2188,
15.8083

106.6128,
100.8531, 52.5106

31.7963, 28.4901,
9.2357

135.4123,
129.1619, 71.8014

21.3608, 18.6954,
4.7963

168.9806,
162.3267, 95.3181

13.5019, 11.4504,
2.0716

207.6831,
200.7320, 123.4792

7.8544, 6.3706,
0.5988

251.8852,
244.7620, 156.7034

4.0530, 3.0717,
0.0000

301.9522,

1.7321, 1.1693,

294.8013, 195.4090

0.0000

358.2494,
351.2341, 240.0147

0.4763, 0.0364,
0.0000

0.0000, 0.0000,
0.0000

61.8590, 57.2659,
24.9326

61.8590, 57.2659,
24.9326

57.9421, 51.5383,
17.1347

66.4380, 63.6624,
34.9728

54.6427, 46.4445,
11.3952

71.7114, 70.7444,
47.4125

51.9159, 41.9574,
7.5064

77.7141, 78.5378,
62.3983

49.7065, 38.0435,
5.2136

84.4771, 87.0647,
80.0642

48.5379, 35.8561,
4.3627

92.0294, 96.3459,
100.5345

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.



70.5636, 57.2659, 35.1984



61.8590, 57.2659, 24.9326



52.0294, 57.2659, 23.0342

Triad

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



61.8590, 57.2659, 24.9326



37.9859, 57.2659, 69.5937



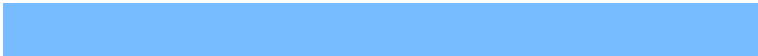
66.5693, 57.2659, 114.8955

Complementary

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



61.8590, 57.2659, 24.9326



43.5036, 47.0360, 101.3935

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.



56.9024, 57.2659, 131.5222



61.8590, 57.2659, 24.9326



40.9637, 57.2659, 100.7741

Square

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



61.8590, 57.2659, 24.9326



38.9808, 57.2659, 44.1152



47.6201, 57.2659, 125.7050



73.5001, 57.2659, 85.0298

Rectangle

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



61.8590, 57.2659, 24.9326



46.2749, 57.2659, 26.0243



47.6201, 57.2659, 125.7050



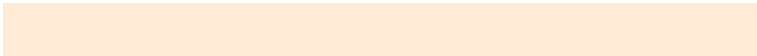
63.4899, 57.2659, 122.5675

Sweetspot

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



61.8604, 57.2687, 24.9337



82.8701, 85.0592, 75.8027



56.8804, 37.8820, 52.3354



17.4339, 17.8249, 15.4261



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.



61.8604, 57.2687, 24.9337



57.8433, 51.3898, 16.9500



79.5458, 92.6396, 30.8289



18.7429, 19.4539, 18.9115



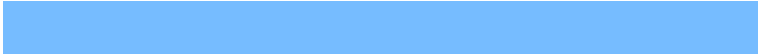
25.5106, 19.0325, 2.3291



2.5928, 2.0710, 0.2631

Inverse Universe

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



43.5036, 47.0360, 101.3935



37.8087, 40.2151, 100.3773



32.2723, 24.5733, 97.6497



17.7703, 18.9123, 22.9638



13.7722, 12.4540, 51.1126



1.4503, 1.4313, 5.0131

Previews

White Background



This preview shows how the XYZ color 61.8590, 57.2659, 24.9326 looks on a white background.

Color Contrast Check

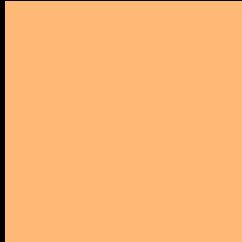
Large Text (above 18pt) WCAG AA × Fail

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 61.8590, 57.2659, 24.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

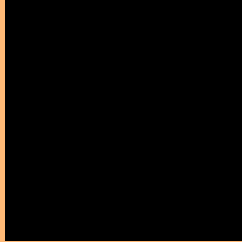
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8590, 57.2659, 24.9326

Background



This preview shows how black text looks on a background with the XYZ color 61.8590, 57.2659, 24.9326.



This preview shows how white text looks on a background with the XYZ color 61.8590, 57.2659,

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

61.8590, 57.2659, 24.9326

Protanopia

53.1429, 57.6440, 27.0644

Deuteranopia

58.5865, 57.1660, 24.7759



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

61.8590, 57.2659, 24.9326

Protanomaly

55.9213, 57.3996, 26.2210

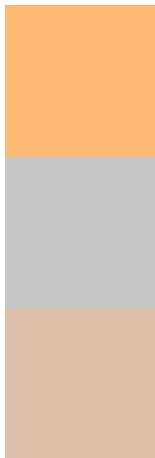
Deuteranomaly

59.5519, 57.0250, 24.6978

Tritanomaly

64.4647, 56.9881, 42.7241

Monochromacy



Original Color

61.8590, 57.2659, 24.9326

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.4448, 56.0646, 45.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8590, 57.2659, 24.9326 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 118) }
```

Border

The CSS property to change the border of an element to XYZ 61.8590, 57.2659, 24.9326 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, 118) }
```


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

```
.border{ border-color:rgb(255, 185, 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, 185, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8590, 57.2659, 24.9326 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, 118) }
```

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

```
.background{ background-color: rgb(255,  
185, 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](#).

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