

Converting Colors

XYZ(68.6393, 62.0324, 26.3217)

Have a look what the booklet for
XYZ(68.6393, 62.0324, 26.3217)
contains.

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Color

**XYZ(62.8888, 59.0357,
26.1696)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD79
RGB	255, 189, 121
RGB Percent	100%, 74%, 47%
CMY	0.0000, 0.2588, 0.5255
CMYK	0.00, 0.26, 0.53, 0.00
HSL	30°, 100%, 74%
HSV	30°, 53%, 100%
XYZ	62.8888, 59.0357, 26.1696
YIQ	200.9820, 61.1640, -7.1560

Conversions

Conversions Part 2

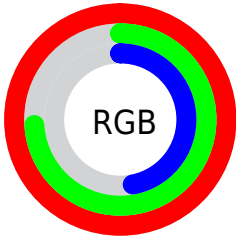
Format	Color
R_{YB}	251, 255, 121
Decimal	16760185
CIE _{Lab}	81.31, 16.25, 43.43
CIE _{LCh}	81, 46.369, 69.486
Yxy	59.0357, 0.4247, 0.3986
Android (android.graphics.Color)	4294950265 (0xFFFFBD79)
YUV	200.9820, -39.4311, 47.3738
Hunter-Lab	76.8347, 11.6406, 33.5903

Details

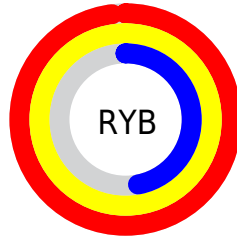
The XYZ color **62.8888, 59.0357, 26.1696** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.7046, 46.8235, 101.3417**, and the grayscale version is **55.7177, 58.6194, 63.8365**.

A 20% lighter version of the original color is **81.5324, 89.6208, 53.0457**, and **32.4153, 29.6526, 9.8094** is the 20% darker color. If you saturate the color by 10%, you get **58.9417, 53.3221, 18.1322**, and if you desaturate by 10%, it is **67.4860, 65.3883, 36.4637**.

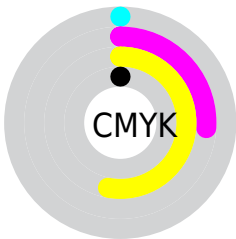
Distribution



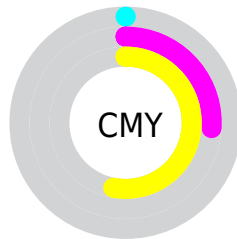
- Red (100%)
- Green (74%)
- Blue (47%)



- Red (98%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8888, 59.0357, 26.1696 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 62.8888, 59.0357, 26.1696 by changing the saturation by 10% instead.


 62.8888, 59.0357,
26.1696

 62.8888, 59.0357,
26.1696


424.8319,
421.0342, 297.2456

 46.0096, 42.6419,
16.7237


 108.0918,
103.4295, 54.5359

 32.4580, 29.6042,
9.8778


 137.1462,
132.1983, 74.2933

 21.8688, 19.5384,
5.2135


 170.9898,
165.8609, 98.3249

 13.8766, 12.0599,
2.3121

209.9879,
204.8017, 127.0493

 8.1160, 6.7845,
0.7380

254.5057,
249.4050, 160.8851

 4.2217, 3.3277,
0.0000

304.9088,

 1.8283, 1.3051,

300.0552, 200.2507

0.0000

361.5624,
357.1368, 245.5646

■ 0.5346, 0.1452,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8888, 59.0357,
26.1696

■ 62.8888, 59.0357,
26.1696

■ 58.9417, 53.3221,
18.1322

■ 67.4860, 65.3883,
36.4637

■ 55.6011, 48.2136,
12.1704

■ 72.7644, 72.3944,
49.1692

■ 52.8240, 43.6856,
8.0807

■ 78.7578, 80.0788,
64.4312

■ 50.5571, 39.7064,
5.6157

■ 85.4965, 88.4619,
82.3821

49.1448, 37.0698,
4.5650

93.0086, 97.5634,
103.1453

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.



71.7341, 59.0357, 35.9966



62.8888, 59.0357, 26.1696



53.1001, 59.0357, 24.7404

Triad

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



62.8888, 59.0357, 26.1696



39.6855, 59.0357, 73.4699



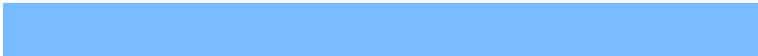
68.7966, 59.0357, 114.8093

Complementary

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



62.8888, 59.0357, 26.1696



43.7046, 46.8235, 101.3417

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.



59.2349, 59.0357, 132.4780



62.8888, 59.0357, 26.1696



42.9400, 59.0357, 104.4752

Square

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



62.8888, 59.0357, 26.1696



40.4247, 59.0357, 47.3539



49.8398, 59.0357, 128.2314



75.4078, 59.0357, 84.8234

Rectangle

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



62.8888, 59.0357, 26.1696



47.4412, 59.0357, 28.1533



49.8398, 59.0357, 128.2314



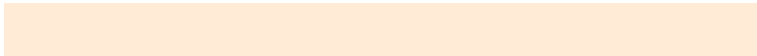
65.7789, 59.0357, 122.7280

Sweetspot

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



62.8902, 59.0386, 26.1708



83.0847, 85.4883, 75.8742



57.1547, 38.5661, 52.0090



17.4849, 17.9270, 15.4432



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.



62.8902, 59.0386, 26.1708



58.7782, 53.0785, 17.8194



80.4510, 94.1602, 32.0244



18.7714, 19.5110, 18.9210



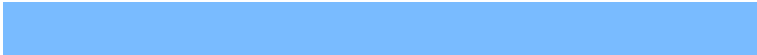
25.8291, 19.6694, 2.4352



2.6242, 2.1338, 0.2736

Inverse Universe

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



43.7046, 46.8235, 101.3417



37.7357, 39.6855, 100.2789



32.7730, 24.9603, 97.6979



17.7418, 18.8552, 22.9543



13.4511, 11.8117, 51.0055



1.4187, 1.3681, 5.0026

Previews

White Background



This preview shows how the XYZ color 62.8888, 59.0357, 26.1696 looks on a white background.

Color Contrast Check

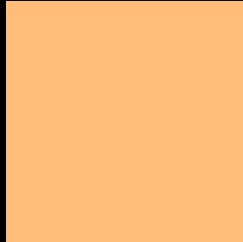
Large Text (above 18pt) WCAG AA × Fail

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 62.8888, 59.0357, 26.1696 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 62.8888, 59.0357, 26.1696

Background



This preview shows how black text looks on a background with the XYZ color 62.8888, 59.0357, 26.1696.



This preview shows how white text looks on a background with the XYZ color 62.8888, 59.0357,

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

62.8888, 59.0357, 26.1696

Protanopia

54.7052, 59.1196, 28.2666

Deuteranopia

60.4662, 59.0888, 25.9877



Tritanopia

68.0238, 59.0671, 59.4456

Trichromacy



Original Color

62.8888, 59.0357, 26.1696

Protanomaly

57.2086, 58.7114, 27.3860

Deuteranomaly

61.3067, 59.1951, 25.9639

Tritanomaly

65.6568, 58.7851, 44.9320

Monochromacy



Original Color

62.8888, 59.0357, 26.1696

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.2314, 58.2832, 47.2631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8888, 59.0357, 26.1696 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, 189, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 121)  
}
```

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, 189, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 121) }
```

Border

The CSS property to change the border of an element to XYZ 62.8888, 59.0357, 26.1696 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, 189, 121) }
```


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

```
.border{ border-color:rgb(255, 189, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8888, 59.0357, 26.1696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 121) }
```

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

```
.background{ background-color: rgb(255,  
189, 121) }
```

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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