

Converting Colors

XYZ(61.7141, 59.5643, 32.6603)

Have a look what the booklet for
XYZ(61.7141, 59.5643, 32.6603)
contains.

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Color

**XYZ(61.7362, 59.5968,
32.6756)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C18B
RGB	246, 193, 139
RGB Percent	96%, 76%, 55%
CMY	0.0353, 0.2431, 0.4549
CMYK	0.00, 0.22, 0.43, 0.04
HSL	30°, 86%, 75%
HSV	30°, 43%, 96%
XYZ	61.7362, 59.5968, 32.6756
YIQ	202.6910, 48.9220, -5.5580

Conversions

Conversions Part 2

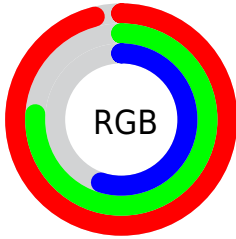
Format	Color
R _Y B	244, 246, 139
Decimal	16171403
CIE Lab	81.62, 12.25, 34.41
CIE LCh	82, 36.521, 70.408
Yxy	59.5968, 0.4009, 0.3870
Android (android.graphics.Color)	4294361483 (0xFFFF6C18B)
YUV	202.6910, -31.3997, 37.9820
Hunter-Lab	77.1990, 7.6487, 28.9439

Details

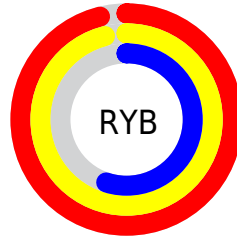
The XYZ color **61.7362, 59.5968, 32.6756** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.1310, 49.8403, 94.3774**, and the grayscale version is **56.7414, 59.6963, 65.0093**.

A 20% lighter version of the original color is **84.7413, 92.8616, 63.9098**, and **31.7331, 29.8612, 13.3238** is the 20% darker color. If you saturate the color by 10%, you get **57.5540, 53.7925, 23.3894**, and if you desaturate by 10%, it is **66.5477, 66.0124, 44.1680**.

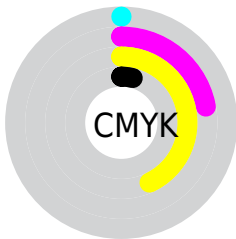
Distribution



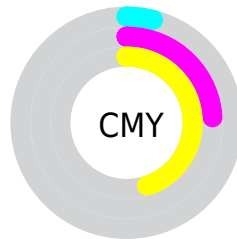
- Red (96%)
- Green (76%)
- Blue (55%)



- Red (96%)
- Yellow (96%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7362, 59.5968, 32.6756 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 61.7362, 59.5968, 32.6756 by changing the saturation by 10% instead.


 61.7362, 59.5968,
32.6756


 61.7362, 59.5968,
32.6756


420.7011,
423.1100, 328.7725


 45.0744, 43.0937,
21.6090


 106.4363,
104.2446, 64.9789

 31.7175, 29.9587,
13.3743


 135.2052,
133.1580, 87.0526

 21.3003, 19.8072,
7.5530


 168.7406,
166.9771, 113.6325

 13.4574, 12.2550,
3.7267

207.4077,
206.0861, 145.1370

 7.8234, 6.9176,
1.4766

251.5720,
250.8695, 181.9847

 4.0330, 3.4106,
0.2004

301.5987,

 1.7208, 1.3497,

301.7117, 224.5942

0.0000

357.8533,
358.9971, 273.3839

■ 0.4693, 0.1792,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7362, 59.5968,
32.6756

■ 61.7362, 59.5968,
32.6756

■ 57.5540, 53.7925,
23.3894

■ 66.5477, 66.0124,
44.1680

■ 53.9639, 48.5693,
16.1593

■ 72.0142, 73.0510,
57.9959

■ 50.9309, 43.9067,
10.8222

■ 78.1650, 80.7346,
74.2826

■ 48.4137, 39.7789,
7.1880

■ 85.0261, 89.0812,
93.1420

■ 46.3626, 36.1564,
5.0256

■ 91.4741, 97.6490,
108.6347

■ 45.2339, 34.0487,
4.1880

■ 91.8160, 98.3328,
108.7487

Harmonies

Analogous

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



68.6347, 59.5968, 41.1795



61.7362, 59.5968, 32.6756



54.0219, 59.5968, 31.5800

Triad

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



61.7362, 59.5968, 32.6756



43.3412, 59.5968, 72.8250



66.7541, 59.5968, 102.6631

Complementary

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



61.7362, 59.5968, 32.6756



46.1310, 49.8403, 94.3774

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.



59.3516, 59.5968, 115.9354



61.7362, 59.5968, 32.6756



46.1398, 59.5968, 96.3051

Square

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



61.7362, 59.5968, 32.6756



43.8546, 59.5968, 51.7318



51.8416, 59.5968, 113.3768



71.7079, 59.5968, 80.1111

Rectangle

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



61.7362, 59.5968, 32.6756



49.5026, 59.5968, 34.8520



51.8416, 59.5968, 113.3768



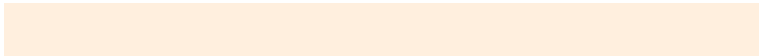
64.4433, 59.5968, 108.5652

Sweetspot

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



61.7377, 59.5996, 32.6768



85.1489, 88.0142, 81.5025



56.8089, 41.8866, 55.2514



17.8937, 18.4293, 16.5516



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.



61.7377, 59.5996, 32.6768



63.0456, 59.2108, 26.6485



75.6221, 87.3684, 37.3049



17.1904, 17.8649, 17.3398



24.2848, 18.4552, 2.2823



2.2372, 1.8277, 0.2349

Inverse Universe

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



46.1310, 49.8403, 94.3774



44.1318, 47.3848, 101.4279



36.5152, 30.6087, 91.1722



16.2591, 17.2824, 21.0215



12.7230, 11.2398, 48.0370



1.2209, 1.1932, 4.2562

Previews

White Background



This preview shows how the XYZ color 61.7362, 59.5968, 32.6756 looks on a white background.

Color Contrast Check

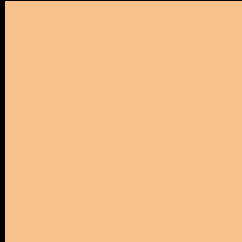
Large Text (above 18pt) WCAG AA × Fail

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 61.7362, 59.5968, 32.6756 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 61.7362, 59.5968, 32.6756

Background



This preview shows how black text looks on a background with the XYZ color 61.7362, 59.5968, 32.6756.



This preview shows how white text looks on a background with the XYZ color 61.7362, 59.5968,

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

61.7362, 59.5968, 32.6756

Protanopia

55.5273, 59.7551, 34.5939

Deuteranopia

60.9141, 59.5023, 32.7007



Tritanopia

67.8026, 59.5169, 61.9472

Trichromacy



Original Color

61.7362, 59.5968, 32.6756

Protanomaly

57.6190, 59.4579, 34.0309

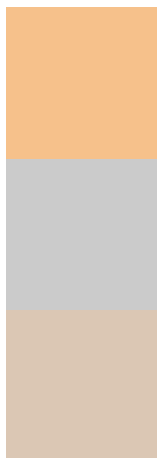
Deuteranomaly

61.2602, 59.6807, 32.7169

Tritanomaly

65.3434, 59.4648, 49.6288

Monochromacy



Original Color

61.7362, 59.5968, 32.6756

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8751, 59.2022, 51.5568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7362, 59.5968, 32.6756 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(246, 193, 139)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 139)  
}
```

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(246, 193, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 139) }
```

Border

The CSS property to change the border of an element to XYZ 61.7362, 59.5968, 32.6756 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(246, 193, 139) }
```


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

```
.border{ border-color:rgb(246, 193, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 139);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7362, 59.5968, 32.6756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 139) }
```

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

```
.background{ background-color: rgb(246,  
193, 139) }
```

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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