

Converting Colors

XYZ(62.8723, 60.7189, 32.9021)

Have a look what the booklet for
XYZ(62.8723, 60.7189, 32.9021)
contains.

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Color

**XYZ(62.8867, 60.8508,
32.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C38B
RGB	248, 195, 139
RGB Percent	97%, 76%, 55%
CMY	0.0275, 0.2353, 0.4549
CMYK	0.00, 0.21, 0.44, 0.03
HSL	31°, 89%, 76%
HSV	31°, 44%, 97%
XYZ	62.8867, 60.8508, 32.8570
YIQ	204.4630, 49.5640, -6.1800

Conversions

Conversions Part 2

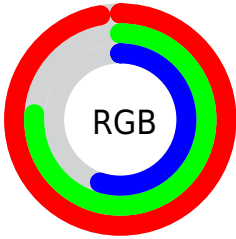
Format	Color
R _Y B	242, 248, 139
Decimal	16302987
CIE Lab	82.30, 11.99, 35.33
CIE LCh	82, 37.310, 71.257
Yxy	60.8508, 0.4016, 0.3886
Android (android.graphics.Color)	4294493067 (0xFFF8C38B)
YUV	204.4630, -32.2733, 38.1819
Hunter-Lab	78.0069, 7.3889, 29.6315

Details

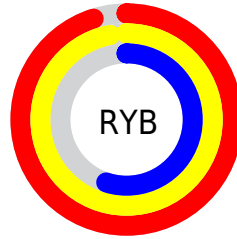
The XYZ color **62.8867, 60.8508, 32.8570** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.4396, 49.9635, 96.0030**, and the grayscale version is **57.8650, 60.8784, 66.2966**.

A 20% lighter version of the original color is **85.6760, 94.7311, 64.2214**, and **32.2726, 30.5732, 13.4328** is the 20% darker color. If you saturate the color by 10%, you get **58.6831, 55.0219, 23.5073**, and if you desaturate by 10%, it is **67.7226, 67.2862, 44.4464**.

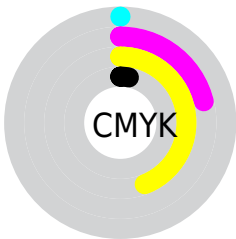
Distribution



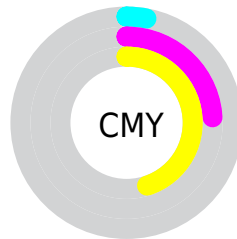
- Red (97%)
- Green (76%)
- Blue (55%)



- Red (95%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8867, 60.8508, 32.8570 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 62.8867, 60.8508, 32.8570 by changing the saturation by 10% instead.

 62.8867, 60.8508,
32.8570

 62.8867, 60.8508,
32.8570


424.8244,
427.7267, 329.6171


 46.0079, 44.1048,
21.7467


 108.0888,
106.0629, 65.2656

 32.4567, 30.7529,
13.4744


 137.1427,
135.2977, 87.4011

 21.8678, 20.4107,
7.6214


 170.9857,
169.4643, 114.0486

 13.8758, 12.6940,
3.7694

209.9832,
208.9469, 145.6268

 8.1155, 7.2182,
1.4997

254.5004,
254.1301, 182.5542

 4.2214, 3.5989,
0.2177

304.9028,

 1.8281, 1.4518,

305.3982, 225.2494

0.0000

361.5557,
363.1356, 274.1308

■ 0.5345, 0.2545,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8867, 60.8508,
32.8570

■ 62.8867, 60.8508,
32.8570

■ 58.6831, 55.0219,
23.5073

■ 67.7226, 67.2862,
44.4464

■ 55.0739, 49.7694,
16.2437

■ 73.2166, 74.3396,
58.4079

■ 52.0236, 45.0728,
10.8988

■ 79.3986, 82.0329,
74.8677

■ 49.4900, 40.9064,
7.2772

■ 86.2949, 90.3839,
93.9421

■ 47.4224, 37.2407,
5.1408

■ 92.5213, 98.6964,
108.7817

■ 46.3558, 35.2454,
4.3598

Harmonies

Analogous

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



70.1002, 60.8508, 41.3870



62.8867, 60.8508, 32.8570



54.9053, 60.8508, 31.9392

Triad

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



62.8867, 60.8508, 32.8570



44.1087, 60.8508, 75.1702



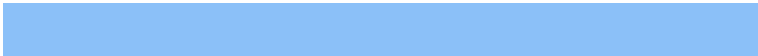
68.5087, 60.8508, 104.8963

Complementary

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



62.8867, 60.8508, 32.8570



46.4396, 49.9635, 96.0030

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.



60.8709, 60.8508, 119.1053



62.8867, 60.8508, 32.8570



47.0942, 60.8508, 99.5033

Square

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



62.8867, 60.8508, 32.8570



44.5411, 60.8508, 53.1666



53.0649, 60.8508, 116.9323



73.5456, 60.8508, 81.3350

Rectangle

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



62.8867, 60.8508, 32.8570



50.2657, 60.8508, 35.4476



53.0649, 60.8508, 116.9323



66.1325, 60.8508, 111.1440

Sweetspot

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



62.8882, 60.8537, 32.8582



85.2370, 88.1904, 81.5319



57.6258, 42.2948, 55.8720



17.9155, 18.4727, 16.5589



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.



62.8882, 60.8537, 32.8582



62.8816, 59.1334, 25.8213



76.9389, 88.9551, 37.5418



17.9822, 18.7002, 18.1241



25.1826, 19.3219, 2.4022



2.4385, 2.0019, 0.2579

Inverse Universe

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



46.4396, 49.9635, 96.0030



43.2409, 46.1342, 101.2335



36.8239, 30.7322, 92.7978



16.9796, 18.0361, 21.9717



12.9577, 11.2710, 49.4661



1.3058, 1.2553, 4.6166

Previews

White Background



This preview shows how the XYZ color 62.8867, 60.8508, 32.8570 looks on a white background.

Color Contrast Check

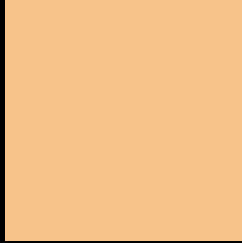
Large Text (above 18pt) WCAG AA × Fail

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 62.8867, 60.8508, 32.8570 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 62.8867, 60.8508, 32.8570

Background



This preview shows how black text looks on a background with the XYZ color 62.8867, 60.8508, 32.8570.



This preview shows how white text looks on a background with the XYZ color 62.8867, 60.8508,

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

62.8867, 60.8508, 32.8570

Protanopia

56.6080, 61.0180, 34.7807

Deuteranopia

62.0563, 60.7564, 32.8825



Tritanopia

69.1860, 60.8285, 63.3529

Trichromacy



Original Color

62.8867, 60.8508, 32.8570

Protanomaly

58.7241, 60.7152, 34.2153

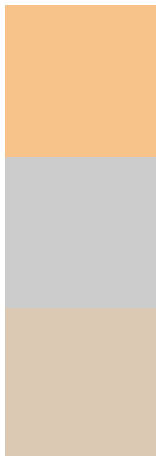
Deuteranomaly

62.4062, 60.9368, 32.8989

Tritanomaly

66.5942, 60.7367, 50.3329

Monochromacy



Original Color

62.8867, 60.8508, 32.8570

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.6401, 60.2842, 51.7254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8867, 60.8508, 32.8570 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(248, 195, 139)` looks like.

```
.text, #text, p{  
    color:rgb(248, 195, 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(248, 195, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 195, 139) }
```

Border

The CSS property to change the border of an element to XYZ 62.8867, 60.8508, 32.8570 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(248, 195, 139) }
```


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

```
.border{ border-color:rgb(248, 195, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 195, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 195, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 195, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 195,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8867, 60.8508, 32.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 195, 139) }
```

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

```
.background{ background-color: rgb(248,  
195, 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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