

Converting Colors

XYZ(62.4841, 62.6008, 27.7429)

Have a look what the booklet for
XYZ(62.4841, 62.6008, 27.7429)
contains.

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Color

**XYZ(62.2984, 62.3566,
27.8213)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6C87C |
| RGB | 246, 200, 124 |
| RGB Percent | 96%, 78%, 49% |
| CMY | 0.0353, 0.2157, 0.5137 |
| CMYK | 0.00, 0.19, 0.50, 0.04 |
| HSL | 37°, 87%, 73% |
| HSV | 37°, 50%, 96% |
| XYZ | 62.2984, 62.3566, 27.8213 |
| YIQ | 205.0900, 51.8120, -13.8840 |

Conversions

Conversions Part 2

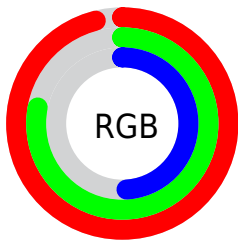
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 198, 246, 124 |
| Decimal | 16173180 |
| CIE Lab | 83.10, 7.16, 43.95 |
| CIE LCh | 83, 44.534, 80.749 |
| Yxy | 62.3566, 0.4086, 0.4090 |
| Android (android.graphics.Color) | 4294363260 (0xFFFF6C87C) |
| YUV | 205.0900, -39.9774, 35.8781 |
| Hunter-Lab | 78.9662, 2.6323, 34.3873 |

Details

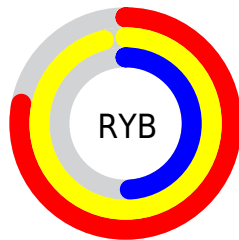
The XYZ color **62.2984, 62.3566, 27.8213** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.3209, 39.6868, 92.7764**, and the grayscale version is **58.3103, 61.3469, 66.8068**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **31.9750, 31.6036, 10.7182** is the 20% darker color. If you saturate the color by 10%, you get **58.8498, 57.6462, 19.9306**, and if you desaturate by 10%, it is **66.2684, 67.4888, 37.8014**.

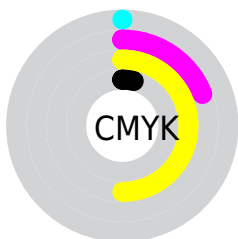
Distribution



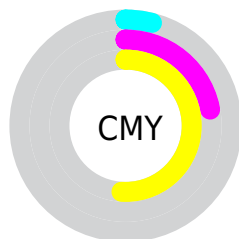
- Red (96%)
- Green (78%)
- Blue (49%)



- Red (78%)
- Yellow (96%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2984, 62.3566, 27.8213 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 62.2984, 62.3566, 27.8213 by changing the saturation by 10% instead.


 62.2984, 62.3566,
27.8213

 62.2984, 62.3566,
27.8213

422.7190,
433.2307, 305.4971


 45.5304, 45.3209,
17.9531


 107.2442,
108.2408, 57.2187

 32.0784, 31.7103,
10.7472


 136.1527,
137.8580, 77.5850

 21.5773, 21.1403,
5.7851


 169.8387,
172.4379, 102.2877

 13.6615, 13.2266,
2.6482

208.6675,
212.3648, 131.7454

 7.9657, 7.5848,
0.9172

253.0047,
258.0231, 166.3767

 4.1246, 3.8304,
0.0000

303.2154,

 1.7729, 1.5792,

309.7973, 206.6000

0.0000

359.6650,
368.0717, 252.8340

■ 0.5013, 0.3435,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2984, 62.3566,
27.8213

■ 62.2984, 62.3566,
27.8213

■ 58.8498, 57.6462,
19.9306

■ 66.2684, 67.4888,
37.8014

■ 55.8863, 53.3323,
13.9698

■ 70.7839, 73.0488,
50.0069

■ 53.3735, 49.3998,
9.7626

■ 75.8726, 79.0537,
64.5664

■ 51.2691, 45.8278,
7.0976

■ 81.5588, 85.5165,
81.5978

■ 49.5069, 42.5859,
5.6394

■ 87.8655, 92.4498,
101.2109

■ 49.4393, 42.4596,
5.5898

■ 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



71.7875, 62.3566, 34.5245



62.2984, 62.3566, 27.8213



52.9406, 62.3566, 29.3676

Triad

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



62.2984, 62.3566, 27.8213



43.5685, 62.3566, 88.4933



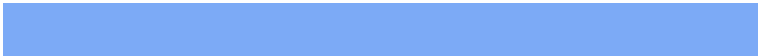
74.8127, 62.3566, 107.3298

Complementary

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



62.2984, 62.3566, 27.8213



39.3209, 39.6868, 92.7764

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.



66.0807, 62.3566, 130.6241



62.2984, 62.3566, 27.8213



48.2960, 62.3566, 117.8617

Square

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



62.2984, 62.3566, 27.8213



42.7903, 62.3566, 59.7136



56.3377, 62.3566, 134.9284



79.5110, 62.3566, 76.7931

Rectangle

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



62.2984, 62.3566, 27.8213



47.9730, 62.3566, 35.0957



56.3377, 62.3566, 134.9284



72.2100, 62.3566, 116.5783

Sweetspot

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



62.2999, 62.3596, 27.8225



85.0629, 88.9188, 78.1550



52.5424, 36.9401, 42.7730



17.9325, 18.7187, 15.9116



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.



62.2999, 62.3596, 27.8225



63.6770, 62.2967, 21.2387



69.7969, 84.4834, 31.6977



17.3592, 18.2025, 17.3961



26.5282, 22.9420, 3.0301



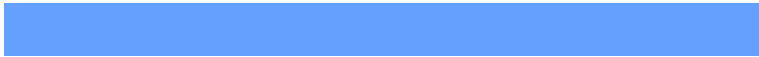
2.4303, 2.2138, 0.2992

Inverse Universe

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



39.3209, 39.6868, 92.7764



36.0451, 35.0760, 99.4783



34.3626, 26.4930, 90.4911



16.0931, 16.9504, 20.9661



11.0803, 7.9543, 47.4894



1.0694, 0.8902, 4.2057

Previews

White Background



This preview shows how the XYZ color 62.2984, 62.3566, 27.8213 looks on a white background.

Color Contrast Check

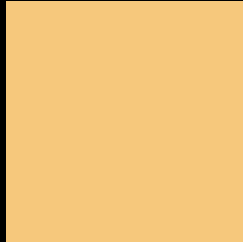
Large Text (above 18pt) WCAG AA × Fail

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 62.2984, 62.3566, 27.8213 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 62.2984, 62.3566, 27.8213

Background



This preview shows how black text looks on a background with the XYZ color 62.2984, 62.3566, 27.8213.



This preview shows how white text looks on a background with the XYZ color 62.2984, 62.3566,

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

62.2984, 62.3566, 27.8213

Protanopia

57.5076, 62.3267, 29.0780

Deuteranopia

63.6158, 62.3526, 27.7511



Tritanopia

69.9409, 62.1173, 66.0612

Trichromacy



Original Color

62.2984, 62.3566, 27.8213

Protanomaly

58.9630, 62.0157, 28.6012

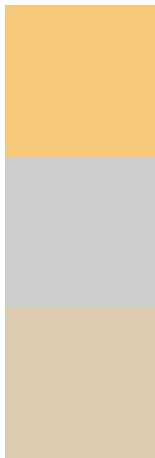
Deuteranomaly

63.1284, 62.4418, 27.7940

Tritanomaly

66.5526, 62.0422, 49.5419

Monochromacy



Original Color

62.2984, 62.3566, 27.8213

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7076, 61.0621, 49.7662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2984, 62.3566, 27.8213 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, 200, 124)` looks like.

```
.text, #text, p{  
    color:rgb(246, 200, 124)  
}
```

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, 200, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 200, 124) }
```

Border

The CSS property to change the border of an element to XYZ 62.2984, 62.3566, 27.8213 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, 200, 124) }
```


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

```
.border{ border-color:rgb(246, 200, 124) }
```

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

Here you see how a box with a 4 pixel rgb(246, 200, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 200, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 200, 124);  
box-shadow:4px 4px 4px 4px rgb(246, 200,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2984, 62.3566, 27.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 200, 124) }
```

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

```
.background{ background-color: rgb(246,  
200, 124) }
```

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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