

Converting Colors

XYZ(61.7222, 62.1632, 31.7969)

Have a look what the booklet for
XYZ(61.7222, 62.1632, 31.7969)
contains.

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Color

**XYZ(61.8778, 62.3998,
31.7047)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C987
RGB	242, 201, 135
RGB Percent	95%, 79%, 53%
CMY	0.0510, 0.2117, 0.4706
CMYK	0.00, 0.17, 0.44, 0.05
HSL	37°, 80%, 74%
HSV	37°, 44%, 95%
XYZ	61.8778, 62.3998, 31.7047
YIQ	205.7350, 45.6220, -11.8340

Conversions

Conversions Part 2

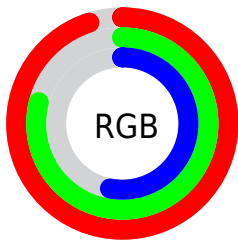
Format	Color
R_{YB}	201, 242, 135
Decimal	15911303
CIE _{Lab}	83.13, 6.08, 38.34
CIE _{LCh}	83, 38.824, 80.988
Yxy	62.3998, 0.3967, 0.4000
Android (android.graphics.Color)	4294101383 (0xFF2C987)
YUV	205.7350, -34.8724, 31.8044
Hunter-Lab	78.9935, 1.5852, 31.4990

Details

The XYZ color **61.8778, 62.3998, 31.7047** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5435, 42.6109, 90.0395**, and the grayscale version is **58.6936, 61.7502, 67.2460**.

A 20% lighter version of the original color is **86.1853, 96.4541, 62.2192**, and **31.8011, 31.6979, 12.8297** is the 20% darker color. If you saturate the color by 10%, you get **58.2677, 57.6034, 23.0294**, and if you desaturate by 10%, it is **66.0087, 67.6180, 42.4654**.

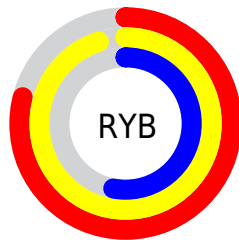
Distribution



Red (95%)

Green (79%)

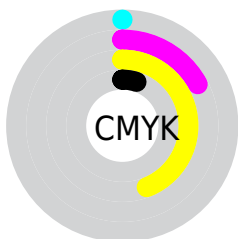
Blue (53%)



Red (79%)

Yellow (95%)

Blue (53%)

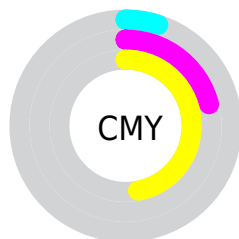


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (5%)



Cyan (5%)


Magenta (21%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8778, 62.3998, 31.7047 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 61.8778, 62.3998, 31.7047 by changing the saturation by 10% instead.


 61.8778, 62.3998,
31.7047

 61.8778, 62.3998,
31.7047


421.2099,
433.3879, 324.2230


 45.1892, 45.3558,
20.8731


 106.6398,
108.3031, 63.4404

 31.8084, 31.7378,
12.8409


 135.4440,
137.9313, 85.1815

 21.3700, 21.1613,
7.1897


 169.0173,
172.5230, 111.3963

 13.5087, 13.2420,
3.5008

207.7253,
212.4626, 142.5032

 7.8592, 7.5954,
1.3557

251.9331,
258.1345, 178.9208

 4.0560, 3.8371,
0.1068

302.0063,

 1.7339, 1.5829,

309.9231, 221.0676

0.0000

358.3101,
368.2128, 269.3622

■ 0.4773, 0.3460,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8778, 62.3998,
31.7047

■ 61.8778, 62.3998,
31.7047

■ 58.2677, 57.6034,
23.0294

■ 66.0087, 67.6180,
42.4654

■ 55.1449, 53.2047,
16.2949

■ 70.6822, 73.2631,
55.4353

■ 52.4788, 49.1900,
11.3442

■ 75.9240, 79.3514,
70.7328

■ 50.2321, 45.5406,
7.9936

■ 81.7569, 85.8953,
88.4670

■ 48.3600, 42.2346,
6.0188

■ 88.0403, 92.8419,
107.8878

■ 47.4103, 40.4619,
5.3111

■ 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



70.0795, 62.3998, 37.9418



61.8778, 62.3998, 31.7047



53.7048, 62.3998, 33.2329

Triad

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



61.8778, 62.3998, 31.7047



45.4587, 62.3998, 85.9132



72.7794, 62.3998, 101.4558

Complementary

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



61.8778, 62.3998, 31.7047



41.5435, 42.6109, 90.0395

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.



65.2904, 62.3998, 120.9904



61.8778, 62.3998, 31.7047



49.7030, 62.3998, 110.6447

Square

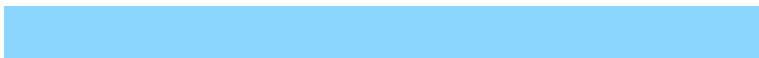
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.8778, 62.3998, 31.7047



44.7314, 62.3998, 60.9450



56.8126, 62.3998, 124.7013



76.7530, 62.3998, 75.4566

Rectangle

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



61.8778, 62.3998, 31.7047



49.3243, 62.3998, 38.6422



56.8126, 62.3998, 124.7013



70.5580, 62.3998, 109.2298

Sweetspot

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



61.8793, 62.4027, 31.7060



86.2460, 90.2085, 81.8682



53.1204, 39.3410, 45.8774



18.1647, 18.9713, 16.6420



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.



61.8793, 62.4027, 31.7060



66.0291, 65.4285, 26.8705



68.6037, 81.9967, 35.1336



16.5848, 17.3826, 16.6308



25.6054, 22.0089, 2.8986



2.2260, 2.0227, 0.2731

Inverse Universe

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



41.5435, 42.6109, 90.0395



40.4571, 40.5666, 100.3056



36.8111, 29.9873, 87.8523



15.3937, 16.2215, 20.0413



10.8215, 7.8672, 46.0760



0.9936, 0.8411, 3.8642

Previews

White Background



This preview shows how the XYZ color 61.8778, 62.3998, 31.7047 looks on a white background.

Color Contrast Check

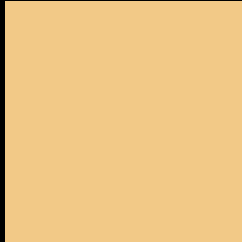
Large Text (above 18pt) WCAG AA × Fail

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 61.8778, 62.3998, 31.7047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

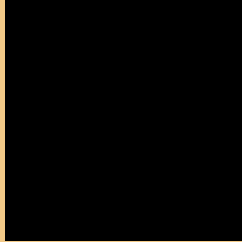
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8778, 62.3998, 31.7047

Background



This preview shows how black text looks on a background with the XYZ color 61.8778, 62.3998, 31.7047.



This preview shows how white text looks on a background with the XYZ color 61.8778, 62.3998,

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

61.8778, 62.3998, 31.7047

Protanopia

57.8795, 62.4393, 32.6683

Deuteranopia

63.7049, 62.3055, 31.9611



Tritanopia

69.1790, 62.3440, 67.4189

Trichromacy



Original Color

61.8778, 62.3998, 31.7047

Protanomaly

59.2303, 62.4291, 32.2208

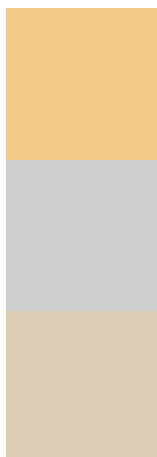
Deuteranomaly

62.8734, 62.2173, 31.9879

Tritanomaly

65.8616, 61.9592, 52.2041

Monochromacy



Original Color

61.8778, 62.3998, 31.7047

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0445, 61.5411, 51.9467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8778, 62.3998, 31.7047 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(242, 201, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 135)  
}
```

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(242, 201, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 135) }
```

Border

The CSS property to change the border of an element to XYZ 61.8778, 62.3998, 31.7047 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(242, 201, 135) }
```


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

```
.border{ border-color:rgb(242, 201, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 201, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8778, 62.3998, 31.7047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 135) }
```

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

```
.background{ background-color: rgb(242,  
201, 135) }
```

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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