

Converting Colors

XYZ(61.8154, 63.6636, 29.2247)

Have a look what the booklet for
XYZ(61.8154, 63.6636, 29.2247)
contains.

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Color

**XYZ(61.9377, 63.8957,
29.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CD7F
RGB	241, 205, 127
RGB Percent	95%, 80%, 50%
CMY	0.0549, 0.1961, 0.5020
CMYK	0.00, 0.15, 0.47, 0.05
HSL	41°, 80%, 72%
HSV	41°, 47%, 95%
XYZ	61.9377, 63.8957, 29.1473
YIQ	206.8720, 46.4940, -16.6260

Conversions

Conversions Part 2

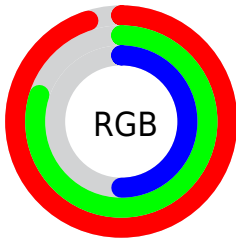
Format	Color
R _Y B	180, 241, 127
Decimal	15846783
CIE Lab	83.91, 2.83, 43.36
CIE LCh	84, 43.457, 86.261
Yxy	63.8957, 0.3996, 0.4123
Android (android.graphics.Color)	4294036863 (0xFFF1CD7F)
YUV	206.8720, -39.3769, 29.9303
Hunter-Lab	79.9348, -1.5746, 34.3349

Details

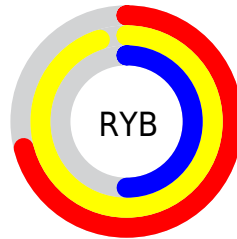
The XYZ color **61.9377, 63.8957, 29.1473** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.7263, 37.0559, 88.3830**, and the grayscale version is **59.4517, 62.5478, 68.1146**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **31.8996, 32.7223, 11.4722** is the 20% darker color. If you saturate the color by 10%, you get **58.7753, 59.7910, 21.2493**, and if you desaturate by 10%, it is **65.5674, 68.3337, 39.0557**.

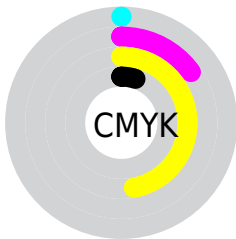
Distribution



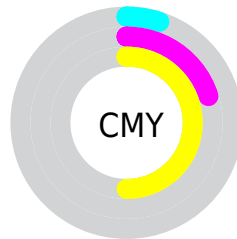
- Red (95%)
- Green (80%)
- Blue (50%)



- Red (71%)
- Yellow (95%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9377, 63.8957, 29.1473 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 61.9377, 63.8957, 29.1473 by changing the saturation by 10% instead.

61.9377, 63.8957,
29.1473

61.9377, 63.8957,
29.1473

421.4250,
438.8129, 311.9920

45.2378, 46.5662,
18.9457

106.7259,
110.4607, 59.3560

31.8468, 32.6929,
11.4547

135.5449,
140.4650, 80.2002

21.3995, 21.8913,
6.2555

169.1344,
175.4630, 105.4291

13.5305, 13.7770,
2.9298

207.8595,
215.8392, 135.4612

7.8743, 7.9657,
1.0589

252.0858,
261.9779, 170.7149

4.0658, 4.0730,
0.0000

302.1786,

1.7394, 1.7145,

314.2634, 211.6090

0.0000

358.5032,
373.0803, 258.5618

■ 0.4807, 0.4330,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9377, 63.8957,
29.1473

■ 61.9377, 63.8957,
29.1473

■ 58.7753, 59.7910,
21.2493

■ 65.5674, 68.3337,
39.0557

■ 56.0471, 55.9973,
15.2140


■ 69.6855, 73.1083,
51.1002


■ 53.7225, 52.5027,
10.8797


■ 74.3173, 78.2339,
65.4007


■ 51.7639, 49.2900,
8.0547


■ 79.4846, 83.7211,
82.0672

 50.1225, 46.3376,
6.4890

 85.2080, 89.5799,
101.2022

 49.7138, 45.5773,
6.1771

 88.7172, 94.7041,
108.2116

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



71.5250, 63.8957, 34.3297



61.9377, 63.8957, 29.1473



52.9541, 63.8957, 32.2300

Triad

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



61.9377, 63.8957, 29.1473



45.6907, 63.8957, 95.5657



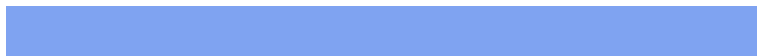
77.3382, 63.8957, 103.1042

Complementary

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



61.9377, 63.8957, 29.1473



37.7263, 37.0559, 88.3830

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.



69.2342, 63.8957, 128.2778



61.9377, 63.8957, 29.1473



51.0815, 63.8957, 123.1841

Square

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



61.9377, 63.8957, 29.1473



44.1705, 63.8957, 66.1943



59.5400, 63.8957, 136.4485



80.9860, 63.8957, 73.0618

Rectangle

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



61.9377, 63.8957, 29.1473



48.3928, 63.8957, 39.1489



59.5400, 63.8957, 136.4485



75.0059, 63.8957, 112.6925

Sweetspot

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



61.9393, 63.8987, 29.1486



86.3347, 90.9281, 80.2257



50.4852, 36.5280, 39.0878



18.2152, 19.1788, 16.3298



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.



61.9393, 63.8987, 29.1486



66.8622, 68.0318, 24.2596



64.8317, 79.6741, 32.0411



16.6775, 17.5682, 16.6617



27.0851, 24.9683, 3.3918



2.3420, 2.2547, 0.3118

Inverse Universe

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



37.7263, 37.0559, 88.3830



36.2488, 34.1363, 99.2862



35.6618, 27.8169, 86.7085



15.3045, 16.0432, 20.0116



10.1214, 6.4670, 45.8427



0.9279, 0.7099, 3.8423

Previews

White Background



This preview shows how the XYZ color 61.9377, 63.8957, 29.1473 looks on a white background.

Color Contrast Check

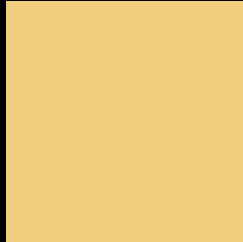
Large Text (above 18pt) WCAG AA × Fail

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 61.9377, 63.8957, 29.1473 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 61.9377, 63.8957, 29.1473

Background



This preview shows how black text looks on a background with the XYZ color 61.9377, 63.8957, 29.1473.



This preview shows how white text looks on a background with the XYZ color 61.9377, 63.8957,

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

61.9377, 63.8957, 29.1473

Protanopia

59.0760, 63.8439, 29.9783

Deuteranopia

65.4236, 63.9379, 29.3151



Tritanopia

70.2149, 63.8231, 69.5911

Trichromacy



Original Color

61.9377, 63.8957, 29.1473

Protanomaly

60.0564, 63.9939, 29.6088

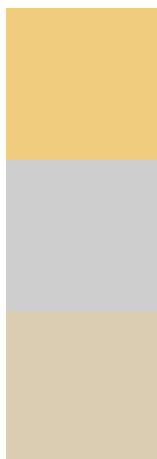
Deuteranomaly

64.0837, 63.9393, 29.3860

Tritanomaly

66.6677, 63.7350, 51.9683

Monochromacy



Original Color

61.9377, 63.8957, 29.1473

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3206, 62.4170, 51.0406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9377, 63.8957, 29.1473 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(241, 205, 127)` looks like.

```
.text, #text, p{  
    color:rgb(241, 205, 127)  
}
```

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(241, 205, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 205, 127) }
```

Border

The CSS property to change the border of an element to XYZ 61.9377, 63.8957, 29.1473 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(241, 205, 127) }
```


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

```
.border{ border-color:rgb(241, 205, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 205, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 205, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 205, 127);  
box-shadow:4px 4px 4px 4px rgb(241, 205,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9377, 63.8957, 29.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 205, 127) }
```

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

```
.background{ background-color: rgb(241,  
205, 127) }
```

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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