

Converting Colors

XYZ(58.1624, 61.9524, 29.8733)

Have a look what the booklet for
XYZ(58.1624, 61.9524, 29.8733)
contains.

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Color

**XYZ(58.1737, 61.9324,
30.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CD82
RGB	229, 205, 130
RGB Percent	90%, 80%, 51%
CMY	0.1020, 0.1961, 0.4902
CMYK	0.00, 0.10, 0.43, 0.10
HSL	45°, 66%, 70%
HSV	45°, 43%, 90%
XYZ	58.1737, 61.9324, 30.0072
YIQ	203.6260, 38.3790, -18.2370

Conversions

Conversions Part 2

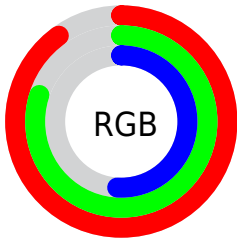
Format	Color
R _Y B	162, 229, 130
Decimal	15060354
CIE Lab	82.88, -1.67, 40.33
CIE LCh	83, 40.361, 92.378
Yxy	61.9324, 0.3875, 0.4126
Android (android.graphics.Color)	4293250434 (0xFFE5CD82)
YUV	203.6260, -36.2976, 22.2530
Hunter-Lab	78.6971, -5.7710, 32.4807

Details

The XYZ color **58.1737, 61.9324, 30.0072** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.9041, 33.5131, 78.7576**, and the grayscale version is **57.3646, 60.3520, 65.7233**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **29.4911, 31.4684, 11.9168** is the 20% darker color. If you saturate the color by 10%, you get **55.5007, 58.7786, 22.3584**, and if you desaturate by 10%, it is **61.2389, 65.3230, 39.4757**.

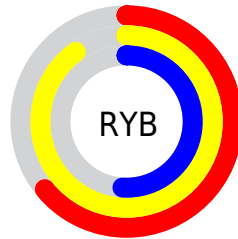
Distribution



Red (90%)

Green (80%)

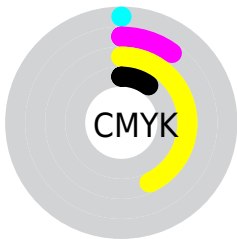
Blue (51%)



Red (64%)

Yellow (90%)

Blue (51%)

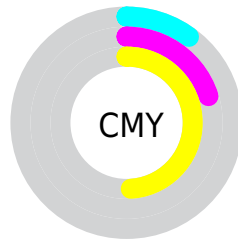


Cyan (0%)

Magenta (10%)

Yellow (43%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1737, 61.9324, 30.0072 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 58.1737, 61.9324, 30.0072 by changing the saturation by 10% instead.

■ 58.1737, 61.9324,
30.0072

■ 58.1737, 61.9324,
30.0072

407.7763,
431.6845, 316.1464

■ 42.1921, 44.9781,
19.5920

■ 101.2973,
107.6278, 60.7347

■ 29.4435, 31.4402,
11.9177

■ 129.1700,
137.1377, 81.8840

■ 19.5626, 20.9342,
6.5658

■ 161.7371,
171.6016, 107.4485

■ 12.1839, 13.0759,
3.1178

199.3640,
211.4038, 137.8466

■ 6.9421, 7.4809,
1.1551

242.4160,
256.9289, 173.4969

■ 3.4719, 3.7646,
0.0000

291.2585,

■ 1.4080, 1.5428,

308.5610, 214.8179

0.0000

346.2568,
366.6848, 262.2282

■ 0.2619, 0.3186,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1737, 61.9324,
30.0072

■ 58.1737, 61.9324,
30.0072

■ 55.5007, 58.7786,
22.3584

■ 61.2389, 65.3230,
39.4757

■ 53.1920, 55.8428,
16.4044


■ 64.7131, 68.9510,
50.8700


■ 51.2228, 53.1167,
12.0105


■ 68.6175, 72.8280,
64.2925


■ 49.5627, 50.5872,
9.0200


■ 72.9703, 76.9620,
79.8373


 48.1754, 48.2390,
7.2429


 77.7887, 81.3606,
97.5926

 47.3522, 46.7364,
6.5253

 81.0271, 85.2061,
106.7836

 82.6709, 88.4936,
107.3315

 84.3649, 91.8817,
107.8962

 86.1096, 95.3711,
108.4778

Harmonies

Analogous

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



66.9639, 61.9324, 33.2769



58.1737, 61.9324, 30.0072



50.3558, 61.9324, 34.5334

Triad

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



58.1737, 61.9324, 30.0072



45.8407, 61.9324, 96.4709



74.9605, 61.9324, 92.1663

Complementary

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



58.1737, 61.9324, 30.0072



34.9041, 33.5131, 78.7576

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.



68.2822, 61.9324, 116.5093



58.1737, 61.9324, 30.0072



51.4467, 61.9324, 119.3942

Square

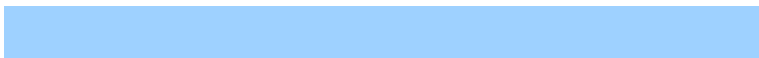
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.1737, 61.9324, 30.0072



43.6869, 61.9324, 69.4408



59.5615, 61.9324, 127.4998



77.2049, 61.9324, 65.4660

Rectangle

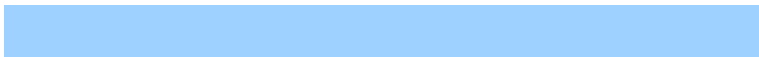
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1737, 61.9324, 30.0072



46.5876, 61.9324, 42.2184



59.5615, 61.9324, 127.4998



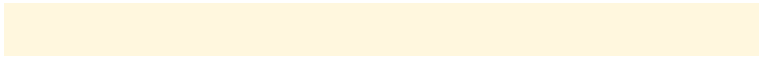
73.1293, 61.9324, 101.1004

Sweetspot

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



58.1752, 61.9353, 30.0085



87.6549, 93.0263, 82.3378



46.1915, 34.9821, 35.2188



18.5141, 19.6701, 16.7584



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.



58.1752, 61.9353, 30.0085



71.1285, 75.3768, 29.3429



57.0192, 70.5231, 31.7270



15.2901, 16.1942, 15.2244



27.1722, 26.9185, 3.7637



2.0790, 2.1313, 0.3018

Inverse Universe

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



34.9041, 33.5131, 78.7576



37.7774, 34.6760, 99.3098



35.5957, 28.5670, 77.7665



13.8651, 14.4516, 18.2030



8.9596, 4.9814, 42.8725



0.7334, 0.5108, 3.1919

Previews

White Background



This preview shows how the XYZ color 58.1737, 61.9324, 30.0072 looks on a white background.

Color Contrast Check

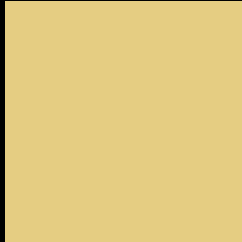
Large Text (above 18pt) WCAG AA × Fail

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 58.1737, 61.9324, 30.0072 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 58.1737, 61.9324, 30.0072

Background



This preview shows how black text looks on a background with the XYZ color 58.1737, 61.9324, 30.0072.

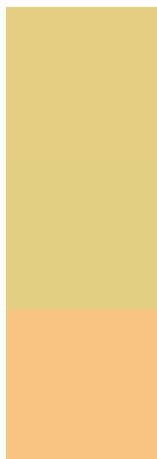


This preview shows how white text looks on a background with the XYZ color 58.1737, 61.9324,

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

58.1737, 61.9324, 30.0072

Protanopia

57.2194, 61.7889, 30.3834

Deuteranopia

63.1980, 61.7382, 30.4156



Tritanopia

66.0730, 61.6879, 69.3973

Trichromacy



Original Color

58.1737, 61.9324, 30.0072

Protanomaly

57.5321, 61.9501, 30.3980

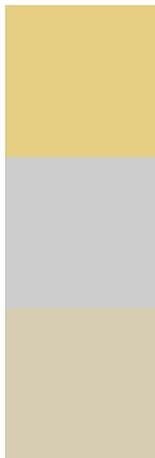
Deuteranomaly

61.3690, 61.8245, 30.1716

Tritanomaly

62.6956, 61.6755, 52.3162

Monochromacy



Original Color

58.1737, 61.9324, 30.0072

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9692, 60.5062, 50.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1737, 61.9324, 30.0072 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(229, 205, 130)` looks like.

```
.text, #text, p{  
    color:rgb(229, 205, 130)  
}
```

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(229, 205, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 205, 130) }
```

Border

The CSS property to change the border of an element to XYZ 58.1737, 61.9324, 30.0072 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(229, 205, 130) }
```


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

```
.border{ border-color:rgb(229, 205, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 205, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 205, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 205, 130); box-shadow:4px 4px 4px 4px rgb(229, 205, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1737, 61.9324, 30.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 205, 130) }
```

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

```
.background{ background-color: rgb(229,  
205, 130) }
```

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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