

Converting Colors

XYZ(62.4200, 67.3676, 29.9636)

Have a look what the booklet for
XYZ(62.4200, 67.3676, 29.9636)
contains.

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Color

**XYZ(62.5349, 67.4845,
30.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD680
RGB	236, 214, 128
RGB Percent	93%, 84%, 50%
CMY	0.0745, 0.1608, 0.4980
CMYK	0.00, 0.09, 0.46, 0.07
HSL	48°, 74%, 71%
HSV	48°, 46%, 93%
XYZ	62.5349, 67.4845, 30.1519
YIQ	210.7740, 40.7180, -22.0820

Conversions

Conversions Part 2

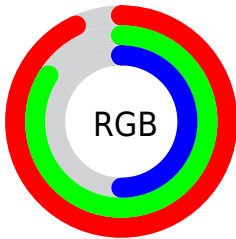
Format	Color
RYB	156, 236, 128
Decimal	15521408
CIELab	85.75, -3.69, 45.07
CIELCh	86, 45.218, 94.686
Yxy	67.4845, 0.3904, 0.4213
Android (android.graphics.Color)	4293711488 (0xFFECD680)
YUV	210.7740, -40.8076, 22.1232
Hunter-Lab	82.1490, -7.8797, 35.7425

Details

The XYZ color **62.5349, 67.4845, 30.1519** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.9484, 32.4569, 83.7795**, and the grayscale version is **62.0111, 65.2405, 71.0469**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **32.2705, 35.1424, 12.1035** is the 20% darker color. If you saturate the color by 10%, you get **59.9607, 64.5396, 22.5013**, and if you desaturate by 10%, it is **65.5095, 70.6519, 39.7198**.

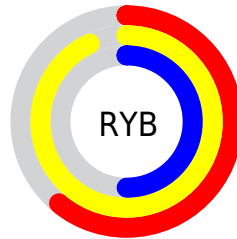
Distribution



Red (93%)

Green (84%)

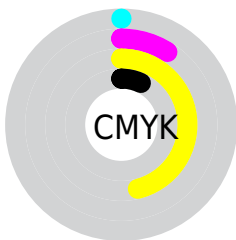
Blue (50%)



Red (61%)

Yellow (93%)

Blue (50%)

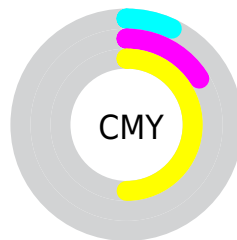


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5349, 67.4845, 30.1519 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 62.5349, 67.4845, 30.1519 by changing the saturation by 10% instead.

62.5349, 67.4845,
30.1519

62.5349, 67.4845,
30.1519

423.5661,
451.6674, 316.8412

45.7223, 49.4785,
19.7009

107.5838,
115.6144, 60.9662

32.2304, 34.9992,
11.9959

136.5508,
146.5070, 82.1665

21.6940, 23.6622,
6.6184

170.3000,
182.4640, 107.7870

13.7475, 15.0833,
3.1498

209.1968,
223.8696, 138.2462

8.0258, 8.8778,
1.1716

253.6064,
271.1084, 173.9627

4.1634, 4.6616,
0.0000

303.8942,

1.7950, 2.0501,

324.5647, 215.3550

0.0000

360.4257,
384.6229, 262.8416

■ 0.5147, 0.6363,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5349, 67.4845,
30.1519

■ 62.5349, 67.4845,
30.1519

■ 59.9607, 64.5396,
22.5013

■ 65.5095, 70.6519,
39.7198

■ 57.7564, 61.7972,
16.6297


■ 68.9029, 74.0423,
51.3217


■ 55.8945, 59.2481,
12.3875


■ 72.7382, 77.6678,
65.0702


■ 54.3412, 56.8785,
9.5980


■ 77.0350, 81.5368,
81.0683


 53.0549, 54.6711,
8.0435


 81.8121, 85.6572,
99.4121

 52.5621, 53.7730,
7.6089

 84.6456, 89.0600,
107.3367

 86.1016, 91.9720,
107.8221

 87.5955, 94.9598,
108.3200

 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



73.0045, 67.4845, 33.1544



62.5349, 67.4845, 30.1519



53.5012, 67.4845, 35.9605

Triad

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



62.5349, 67.4845, 30.1519



49.1722, 67.4845, 110.7883



83.8000, 67.4845, 100.5500

Complementary

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



62.5349, 67.4845, 30.1519



34.9484, 32.4569, 83.7795

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.



76.1076, 67.4845, 130.8030



62.5349, 67.4845, 30.1519



56.0274, 67.4845, 137.7398

Square

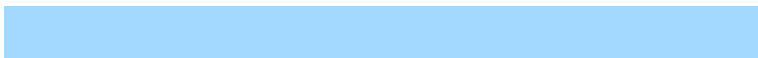
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.5349, 67.4845, 30.1519



46.3310, 67.4845, 78.2191



65.7764, 67.4845, 145.9019



86.0168, 67.4845, 68.9346

Rectangle

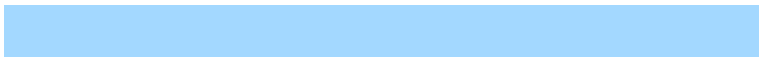
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5349, 67.4845, 30.1519



49.2768, 67.4845, 45.2850



65.7764, 67.4845, 145.9019



81.7312, 67.4845, 111.4610

Sweetspot

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



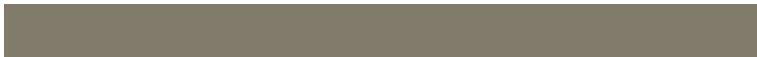
62.5365, 67.4876, 30.1533



87.5501, 93.3590, 80.6308



47.9301, 35.5192, 33.7792



18.5131, 19.7747, 16.4292



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.



62.5365, 67.4876, 30.1533



71.6358, 77.1234, 27.2550



59.1793, 74.5855, 31.7003



16.0763, 17.0756, 15.9673



29.0682, 29.8307, 4.2258



2.3483, 2.4739, 0.3537

Inverse Universe

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



34.9484, 32.4569, 83.7795



34.9567, 30.5866, 98.6691



37.0790, 28.8253, 82.9662



14.4797, 15.0458, 19.0632



9.0032, 4.6534, 44.1666



0.7739, 0.4993, 3.4905

Previews

White Background



This preview shows how the XYZ color 62.5349, 67.4845, 30.1519 looks on a white background.

Color Contrast Check

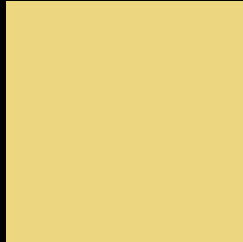
Large Text (above 18pt) WCAG AA × Fail

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 62.5349, 67.4845, 30.1519 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 62.5349, 67.4845, 30.1519

Background



This preview shows how black text looks on a background with the XYZ color 62.5349, 67.4845, 30.1519.



This preview shows how white text looks on a background with the XYZ color 62.5349, 67.4845,

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

62.5349, 67.4845, 30.1519

Protanopia

62.2038, 67.3138, 30.1364

Deuteranopia

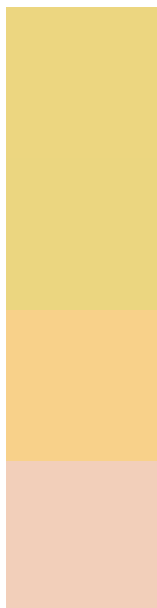
68.2692, 67.3858, 35.3952



Tritanopia

71.7983, 67.2388, 76.2120

Trichromacy



Original Color

62.5349, 67.4845, 30.1519

Protanomaly

62.2038, 67.3138, 30.1364

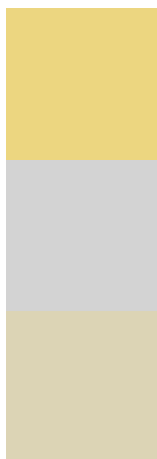
Deuteranomaly

66.0993, 67.3924, 33.5690

Tritanomaly

67.7937, 67.0481, 55.8228

Monochromacy



Original Color

62.5349, 67.4845, 30.1519

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3992, 65.6388, 53.1495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5349, 67.4845, 30.1519 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(236, 214, 128)` looks like.

```
.text, #text, p{  
    color:rgb(236, 214, 128)  
}
```

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(236, 214, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 214, 128) }
```

Border

The CSS property to change the border of an element to XYZ 62.5349, 67.4845, 30.1519 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(236, 214, 128) }
```


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

```
.border{ border-color:rgb(236, 214, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 214, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 214, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 214, 128);  
box-shadow:4px 4px 4px 4px rgb(236, 214,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5349, 67.4845, 30.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 214, 128) }
```

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

```
.background{ background-color: rgb(236,  
214, 128) }
```

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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