

Converting Colors

XYZ(61.2157, 66.2065, 29.8029)

Have a look what the booklet for
XYZ(61.2157, 66.2065, 29.8029)
contains.

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Color

**XYZ(61.0440, 65.9691,
29.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D480
RGB	233, 212, 128
RGB Percent	91%, 83%, 50%
CMY	0.0863, 0.1686, 0.4980
CMYK	0.00, 0.09, 0.45, 0.09
HSL	48°, 70%, 71%
HSV	48°, 45%, 91%
XYZ	61.0440, 65.9691, 29.9380
YIQ	208.7030, 39.4800, -21.6720

Conversions

Conversions Part 2

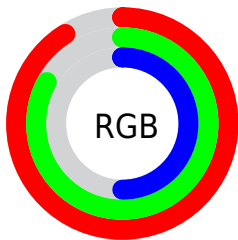
Format	Color
RYB	154, 233, 128
Decimal	15324288
CIELab	84.98, -3.87, 44.05
CIElCh	85, 44.222, 95.021
Yxy	65.9691, 0.3889, 0.4203
Android (android.graphics.Color)	4293514368 (0xFFE9D480)
YUV	208.7030, -39.7866, 21.3085
Hunter-Lab	81.2214, -7.9811, 35.0008

Details

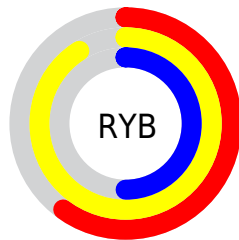
The XYZ color **61.0440, 65.9691, 29.9380** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.3572, 31.9662, 81.4498**, and the grayscale version is **60.6452, 63.8034, 69.4819**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **31.2456, 34.1035, 11.9570** is the 20% darker color. If you saturate the color by 10%, you get **58.5358, 63.1316, 22.3850**, and if you desaturate by 10%, it is **63.9412, 69.0208, 39.3594**.

Distribution



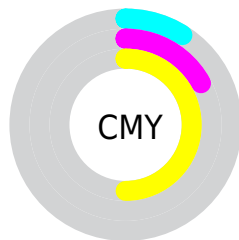
- Red (91%)
- Green (83%)
- Blue (50%)



- Red (60%)
- Yellow (91%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (45%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0440, 65.9691, 29.9380 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 61.0440, 65.9691, 29.9380 by changing the saturation by 10% instead.

61.0440, 65.9691,
29.9380

61.0440, 65.9691,
29.9380

418.2087,
446.2664, 315.8137

44.5134, 48.2473,
19.5399

105.4404,
113.4420, 60.6240

31.2739, 34.0228,
11.8803

134.0369,
143.9619, 81.7489

20.9604, 22.9111,
6.5407

167.3860,
179.5166, 107.2865

13.2073, 14.5279,
3.1025

205.8531,
220.4905, 137.6553

7.6495, 8.4887,
1.1472

249.8035,
267.2681, 173.2739

3.9214, 4.4092,
0.0000

299.6027,

1.6578, 1.9050,

320.2336, 214.5608

0.0000

355.6160,
379.7716, 261.9345

■ 0.4296, 0.5514,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0440, 65.9691,
29.9380

■ 61.0440, 65.9691,
29.9380

■ 58.5358, 63.1316,
22.3850

■ 63.9412, 69.0208,
39.3594

■ 56.3870, 60.4887,
16.5675


■ 67.2450, 72.2870,
50.7616


■ 54.5714, 58.0320,
12.3417


■ 70.9774, 75.7793,
64.2530


■ 53.0568, 55.7481,
9.5388


■ 75.1578, 79.5058,
79.9329


 51.8034, 53.6206,
7.9516


 79.8039, 83.4741,
97.8943

 51.2502, 52.6156,
7.4546

 82.8020, 86.8392,
107.0052

 84.1908, 89.6168,
107.4682

 85.6151, 92.4655,
107.9430

 87.0751, 95.3855,
108.4296

Harmonies

Analogous

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



71.1234, 65.9691, 32.7620



61.0440, 65.9691, 29.9380



52.3613, 65.9691, 35.6828

Triad

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



61.0440, 65.9691, 29.9380



48.3167, 65.9691, 108.0396



81.6696, 65.9691, 97.5104

Complementary

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



61.0440, 65.9691, 29.9380



34.3572, 31.9662, 81.4498

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.



74.3209, 65.9691, 126.6229



61.0440, 65.9691, 29.9380



54.9724, 65.9691, 133.7421

Square

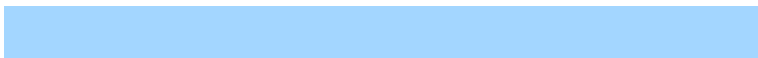
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0440, 65.9691, 29.9380



45.5255, 65.9691, 76.7262



64.3890, 65.9691, 141.3115



83.7314, 65.9691, 67.1450

Rectangle

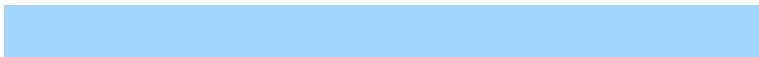
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0440, 65.9691, 29.9380



48.3101, 65.9691, 44.7987



64.3890, 65.9691, 141.3115



79.7003, 65.9691, 107.9975

Sweetspot

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



61.0456, 65.9722, 29.9394



87.5907, 93.4403, 80.6443



46.7486, 34.9325, 32.7133



18.5231, 19.7947, 16.4325



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.



61.0456, 65.9722, 29.9394



72.0657, 77.7458, 28.1304



57.2574, 72.3232, 31.3649



16.0813, 17.0855, 15.9690



29.1703, 30.0348, 4.2599



2.3555, 2.4882, 0.3561

Inverse Universe

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



34.3572, 31.9662, 81.4498



35.5263, 31.2223, 98.7618



36.8252, 28.7445, 80.6979



14.4751, 15.0366, 19.0617



8.9826, 4.6121, 44.1598



0.7717, 0.4948, 3.4897

Previews

White Background



This preview shows how the XYZ color 61.0440, 65.9691, 29.9380 looks on a white background.

Color Contrast Check

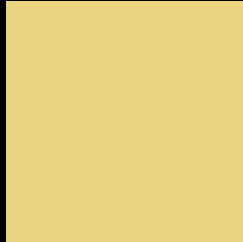
Large Text (above 18pt) WCAG AA × Fail

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 61.0440, 65.9691, 29.9380 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 61.0440, 65.9691, 29.9380

Background



This preview shows how black text looks on a background with the XYZ color 61.0440, 65.9691, 29.9380.



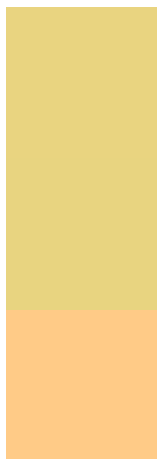
This preview shows how white text looks on a background with the XYZ color 61.0440, 65.9691,

29.9380.

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

61.0440, 65.9691, 29.9380

Protanopia

60.7185, 65.8013, 29.9228

Deuteranopia

66.9691, 65.7211, 32.0775



Tritanopia

70.0290, 65.6603, 74.6284

Trichromacy



Original Color

61.0440, 65.9691, 29.9380

Protanomaly

60.7185, 65.8013, 29.9228

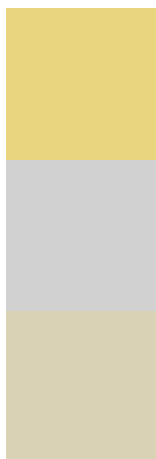
Deuteranomaly

64.5939, 65.5827, 31.0841

Tritanomaly

66.1849, 65.5161, 55.0565

Monochromacy



Original Color

61.0440, 65.9691, 29.9380

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1983, 64.2939, 52.4172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0440, 65.9691, 29.9380 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(233, 212, 128)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 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(233, 212, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 128) }
```

Border

The CSS property to change the border of an element to XYZ 61.0440, 65.9691, 29.9380 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(233, 212, 128) }
```


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

```
.border{ border-color:rgb(233, 212, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 212, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 128);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0440, 65.9691, 29.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 128) }
```

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

```
.background{ background-color: rgb(233,  
212, 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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