

Converting Colors

XYZ(61.8328, 70.1142, 34.7006)

Have a look what the booklet for
XYZ(61.8328, 70.1142, 34.7006)
contains.

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Color

**XYZ(61.8328, 70.1142,
34.7006)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DE8B
RGB	225, 222, 139
RGB Percent	88%, 87%, 55%
CMY	0.1176, 0.1294, 0.4549
CMYK	0.00, 0.01, 0.38, 0.12
HSL	58°, 59%, 71%
HSV	58°, 38%, 88%
XYZ	61.8328, 70.1142, 34.7006
YIQ	213.4350, 28.4310, -25.1770

Conversions

Conversions Part 2

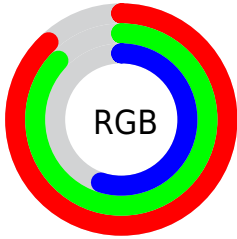
Format	Color
RYB	142, 225, 139
Decimal	14802571
CIELab	87.05, -10.95, 41.07
CIELCh	87, 42.501, 104.933
Yxy	70.1142, 0.3710, 0.4207
Android (android.graphics.Color)	4292992651 (0xFFE1DE8B)
YUV	213.4350, -36.6965, 10.1425
Hunter-Lab	83.7342, -14.7231, 34.0434

Details

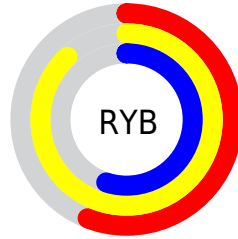
The XYZ color **61.8328, 70.1142, 34.7006** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.9110, 30.2704, 75.2895**, and the grayscale version is **63.7636, 67.0843, 73.0548**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **31.6875, 36.6504, 14.4209** is the 20% darker color. If you saturate the color by 10%, you get **60.1483, 69.1108, 26.8462**, and if you desaturate by 10%, it is **63.8601, 71.2613, 44.3401**.

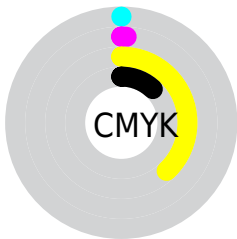
Distribution



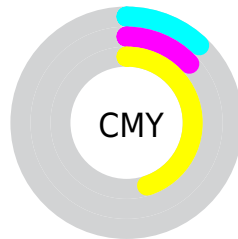
- Red (88%)
- Green (87%)
- Blue (55%)



- Red (56%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (1%)
- Yellow (38%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8328, 70.1142, 34.7006 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 61.8328, 70.1142, 34.7006 by changing the saturation by 10% instead.

61.8328, 70.1142,
34.7006

61.8328, 70.1142,
34.7006

421.0482,
460.9509, 338.1088

45.1527, 51.6196,
23.1506

106.5751,
119.3716, 68.1680

31.7795, 36.7020,
14.4984

135.3681,
150.9032, 90.9225

21.3479, 24.9768,
8.3254

168.9294,
187.5493, 118.2489

13.4924, 16.0598,
4.2131

207.6244,
229.6943, 150.5658

7.8478, 9.5665,
1.7430

251.8184,
277.7226, 188.2917

4.0487, 5.1125,
0.3899

301.8768,

1.7297, 2.3134,

332.0185, 231.8451

0.0000

358.1649,
392.9665, 281.6447

■ 0.4748, 0.7808,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8328, 70.1142,
34.7006

■ 61.8328, 70.1142,
34.7006

■ 60.1483, 69.1108,
26.8462

■ 63.8601, 71.2613,
44.3401

■ 58.7804, 68.2330,
20.6625

■ 66.2442, 72.5502,
55.8609

■ 57.7078, 67.4750,
16.0286

■ 69.0044, 73.9910,
69.3579

■ 56.9040, 66.8259,
12.8056

■ 72.1574, 75.5905,
84.9179

■ 56.3380, 66.2736,
10.8297

■ 75.7185, 77.3549,
102.6228

■ 55.9650, 65.7999,
9.8659

■ 76.4900, 78.0049,
105.6327

■ 55.9071, 65.7192,
9.7385

■ 76.7044, 78.4337,
105.7042

■ 76.9197, 78.8644,
105.7760

■ 77.1360, 79.2970,
105.8481

Harmonies

Analogous

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



71.7388, 70.1142, 34.7203



61.8328, 70.1142, 34.7006



54.0236, 70.1142, 43.7560

Triad

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



61.8328, 70.1142, 34.7006



53.9960, 70.1142, 121.9395



86.8718, 70.1142, 91.4876

Complementary

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



61.8328, 70.1142, 34.7006



33.9110, 30.2704, 75.2895

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.



81.0852, 70.1142, 122.0640



61.8328, 70.1142, 34.7006



61.7915, 70.1142, 142.4020

Square

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



61.8328, 70.1142, 34.7006



49.8147, 70.1142, 91.3472



71.6931, 70.1142, 142.4525



86.8857, 70.1142, 63.0779

Rectangle

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



61.8328, 70.1142, 34.7006



50.7727, 70.1142, 55.4044



71.6931, 70.1142, 142.4525



85.5136, 70.1142, 101.9851

Sweetspot

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



61.8345, 70.1174, 34.7021



90.5475, 97.7018, 86.7228



45.2652, 36.4659, 30.7598



19.2716, 20.8554, 18.0271



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.



61.8345, 70.1174, 34.7021



80.2768, 92.0284, 37.4633



51.9085, 66.1914, 34.4674



14.8287, 15.9434, 14.6026



32.2350, 37.9080, 5.6180



2.2473, 2.6535, 0.3937

Inverse Universe

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



33.9110, 30.2704, 75.2895



38.1225, 31.8794, 98.7518



41.1152, 33.3319, 75.5007



12.9901, 13.3194, 17.2739



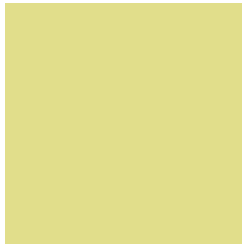
7.8980, 3.2656, 41.2624



0.5611, 0.2538, 2.8646

Previews

White Background



This preview shows how the XYZ color 61.8328, 70.1142, 34.7006 looks on a white background.

Color Contrast Check

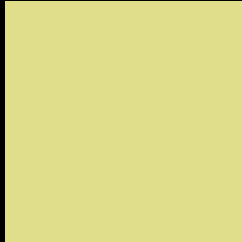
Large Text (above 18pt) WCAG AA × Fail

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 61.8328, 70.1142, 34.7006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

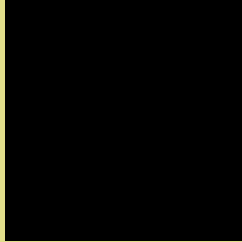
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8328, 70.1142, 34.7006

Background



This preview shows how black text looks on a background with the XYZ color 61.8328, 70.1142, 34.7006.



This preview shows how white text looks on a background with the XYZ color 61.8328, 70.1142,

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

61.8328, 70.1142, 34.7006

Protanopia

64.5118, 69.9535, 33.7691

Deuteranopia

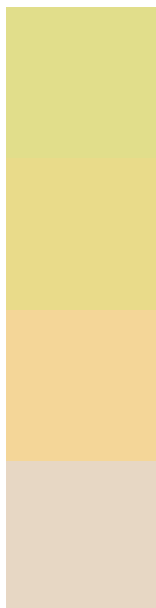
70.5446, 69.8564, 42.5664



Tritanopia

71.5588, 69.8521, 83.1100

Trichromacy



Original Color

61.8328, 70.1142, 34.7006

Protanomaly

63.5232, 69.8217, 34.1736

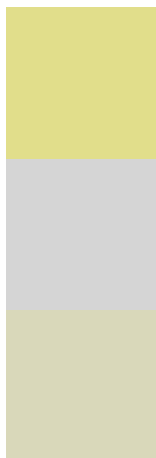
Deuteranomaly

67.0223, 69.5932, 39.6061

Tritanomaly

67.2192, 69.5753, 62.1111

Monochromacy



Original Color

61.8328, 70.1142, 34.7006

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.0341, 67.4086, 56.1960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8328, 70.1142, 34.7006 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(225, 222, 139)` looks like.

```
.text, #text, p{  
    color:rgb(225, 222, 139)  
}
```

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(225, 222, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 222, 139) }
```

Border

The CSS property to change the border of an element to XYZ 61.8328, 70.1142, 34.7006 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(225, 222, 139) }
```


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

```
.border{ border-color:rgb(225, 222, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 222, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 222, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 222, 139);  
box-shadow:4px 4px 4px 4px rgb(225, 222,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8328, 70.1142, 34.7006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 222, 139) }
```

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

```
.background{ background-color: rgb(225,  
222, 139) }
```

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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