

Converting Colors

XYZ(61.4113, 66.6622, 41.0829)

Have a look what the booklet for
XYZ(61.4113, 66.6622, 41.0829)
contains.

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Color

**XYZ(61.4113, 66.6622,
41.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D69C
RGB	226, 214, 156
RGB Percent	89%, 84%, 61%
CMY	0.1137, 0.1608, 0.3882
CMYK	0.00, 0.05, 0.31, 0.11
HSL	50°, 55%, 75%
HSV	50°, 31%, 89%
XYZ	61.4113, 66.6622, 41.0829
YIQ	210.9760, 25.7700, -15.4940

Conversions

Conversions Part 2

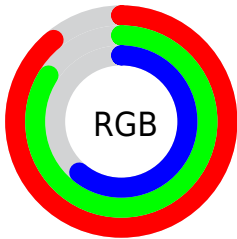
Format	Color
RYB	170, 226, 156
Decimal	14866076
CIELab	85.33, -4.53, 30.19
CIELCh	85, 30.529, 98.525
Yxy	66.6622, 0.3630, 0.3941
Android (android.graphics.Color)	4293056156 (0xFFE2D69C)
YUV	210.9760, -27.1032, 13.1760
Hunter-Lab	81.6469, -8.6221, 27.3194

Details

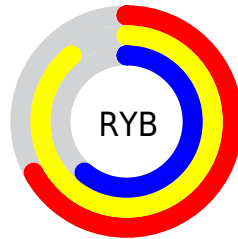
The XYZ color **61.4113, 66.6622, 41.0829** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4401, 40.5630, 77.5968**, and the grayscale version is **62.0639, 65.2961, 71.1074**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **31.4744, 34.3418, 18.0665** is the 20% darker color. If you saturate the color by 10%, you get **58.7050, 64.0324, 31.6016**, and if you desaturate by 10%, it is **64.5004, 69.4871, 52.4500**.

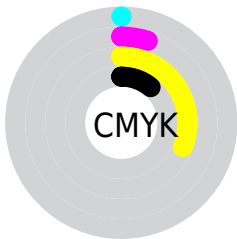
Distribution



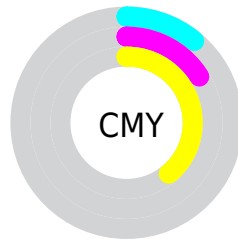
- Red (89%)
- Green (84%)
- Blue (61%)



- Red (67%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4113, 66.6622, 41.0829 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 61.4113, 66.6622, 41.0829 by changing the saturation by 10% instead.

■ 61.4113, 66.6622,
41.0829

■ 61.4113, 66.6622,
41.0829

419.5323,
448.7414, 366.3539

■ 44.8110, 48.8102,
28.0637

■ 105.9690,
114.4362, 78.0648

■ 31.5092, 34.4689,
18.1342

■ 134.6571,
145.1270, 102.8645

■ 21.1406, 23.2541,
10.8759

168.1051,
180.8662, 132.4281

■ 13.3399, 14.7812,
5.8704

206.6785,
222.0381, 167.1742

■ 7.7416, 8.6660,
2.6989

250.7425,
269.0272, 207.5213

■ 3.9805, 4.5240,
0.9429

300.6626,

■ 1.6911, 1.9708,

322.2179, 253.8879

0.0000

356.8041,
381.9945, 306.6926

■ 0.4507, 0.5904,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4113, 66.6622,
41.0829

■ 61.4113, 66.6622,
41.0829

■ 58.7050, 64.0324,
31.6016

■ 64.5004, 69.4871,
52.4500

■ 56.3565, 61.5804,
23.8978

■ 67.9856, 72.5056,
65.7948

■ 54.3456, 59.3003,
17.8583

■ 71.8858, 75.7279,
81.2085

■ 52.6479, 57.1819,
13.3553

■ 76.2171, 79.1607,
98.7752

■ 51.2354, 55.2138,
10.2426

■ 78.6573, 81.8753,
106.2656

■ 50.0748, 53.3825,
8.3454

■ 79.7679, 84.0966,
106.6358

■ 49.1928, 51.8262,
7.4107

■ 80.9028, 86.3664,
107.0141

■ 82.0621, 88.6849,
107.4005

■ 83.2459, 91.0525,
107.7951

Harmonies

Analogous

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



68.3498, 66.6622, 42.6215



61.4113, 66.6622, 41.0829



55.4404, 66.6622, 46.7003

Triad

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



61.4113, 66.6622, 41.0829



53.5245, 66.6622, 98.9558



76.5454, 66.6622, 87.4236

Complementary

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



61.4113, 66.6622, 41.0829



41.4401, 40.5630, 77.5968

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.



72.0010, 66.6622, 106.6059



61.4113, 66.6622, 41.0829



58.6200, 66.6622, 114.0611

Square

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



61.4113, 66.6622, 41.0829



51.1088, 66.6622, 78.3715



65.3504, 66.6622, 117.0897



77.4285, 66.6622, 67.0883

Rectangle

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



61.4113, 66.6622, 41.0829



52.6915, 66.6622, 54.4746



65.3504, 66.6622, 117.0897



75.3802, 66.6622, 94.3180

Sweetspot

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



61.4130, 66.6652, 41.0843



90.3309, 96.1256, 90.1743



50.3988, 42.8048, 43.0608



19.1804, 20.4453, 18.6988



0.0000, 0.0000, 0.0000



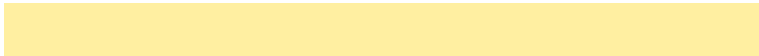
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4130, 66.6652, 41.0843



78.4599, 85.4563, 45.9160



58.0536, 69.6070, 41.8292



14.6615, 15.6089, 14.5469



28.1415, 29.7208, 4.2535



2.0041, 2.1670, 0.3126

Inverse Universe

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



41.4401, 40.5630, 77.5968



48.3635, 46.1327, 100.9632



44.0150, 38.7535, 77.1118



13.1409, 13.6210, 17.3242



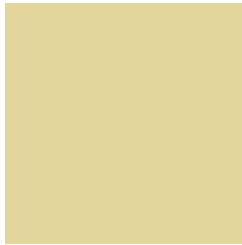
8.2996, 4.0687, 41.3963



0.6329, 0.3974, 2.8886

Previews

White Background



This preview shows how the XYZ color 61.4113, 66.6622, 41.0829 looks on a white background.

Color Contrast Check

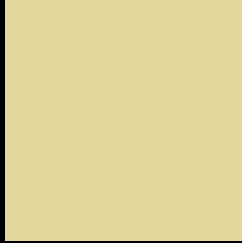
Large Text (above 18pt) WCAG AA × Fail

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 61.4113, 66.6622, 41.0829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

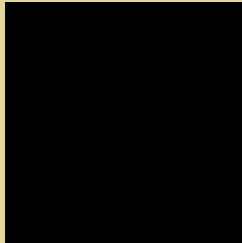
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4113, 66.6622, 41.0829

Background



This preview shows how black text looks on a background with the XYZ color 61.4113, 66.6622, 41.0829.

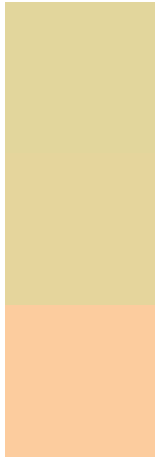


This preview shows how white text looks on a background with the XYZ color 61.4113, 66.6622,

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

61.4113, 66.6622, 41.0829

Protanopia

62.1081, 66.6468, 41.0432

Deuteranopia

67.9093, 66.3498, 41.5753



Tritanopia

68.9478, 66.4290, 78.2954

Trichromacy



Original Color

61.4113, 66.6622, 41.0829

Protanomaly

61.7899, 66.4828, 41.0283

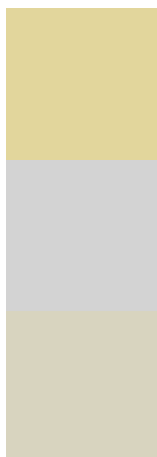
Deuteranomaly

65.6038, 66.6008, 41.2958

Tritanomaly

65.7039, 66.1779, 62.7367

Monochromacy



Original Color

61.4113, 66.6622, 41.0829

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2664, 65.4475, 58.6938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4113, 66.6622, 41.0829 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(226, 214, 156)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 156)  
}
```

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(226, 214, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 156) }
```

Border

The CSS property to change the border of an element to XYZ 61.4113, 66.6622, 41.0829 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(226, 214, 156) }
```


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

```
.border{ border-color:rgb(226, 214, 156) }
```

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

Here you see how a box with a 4 pixel rgb(226, 214, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 156);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4113, 66.6622, 41.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 156) }
```

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

```
.background{ background-color: rgb(226,  
214, 156) }
```

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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