

Converting Colors

XYZ(61.6912, 65.8424, 42.9618)

Have a look what the booklet for
XYZ(61.6912, 65.8424, 42.9618)
contains.

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Color

**XYZ(61.9714, 66.1542,
43.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D4A1
RGB	228, 212, 161
RGB Percent	89%, 83%, 63%
CMY	0.1059, 0.1686, 0.3686
CMYK	0.00, 0.07, 0.29, 0.11
HSL	46°, 55%, 76%
HSV	46°, 29%, 89%
XYZ	61.9714, 66.1542, 43.2210
YIQ	210.9700, 25.9070, -12.4690

Conversions

Conversions Part 2

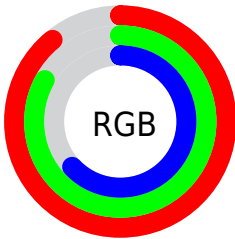
Format	Color
RYB	182, 228, 161
Decimal	14996641
CIELab	85.08, -2.10, 27.28
CIELCh	85, 27.363, 94.408
Yxy	66.1542, 0.3617, 0.3861
Android (android.graphics.Color)	4293186721 (0xFFE4D4A1)
YUV	210.9700, -24.6352, 14.9353
Hunter-Lab	81.3352, -6.3329, 25.4284

Details

The XYZ color **61.9714, 66.1542, 43.2210** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4233, 44.6214, 79.6703**, and the grayscale version is **62.0441, 65.2752, 71.0847**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **32.0004, 34.3285, 19.4075** is the 20% darker color. If you saturate the color by 10%, you get **58.8041, 62.7490, 33.1339**, and if you desaturate by 10%, it is **65.5546, 69.8038, 55.2570**.

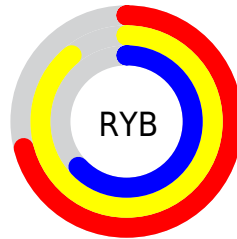
Distribution



Red (89%)

Green (83%)

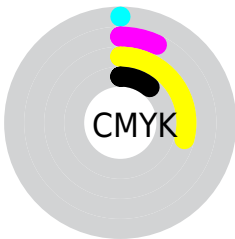
Blue (63%)



Red (71%)

Yellow (89%)

Blue (63%)

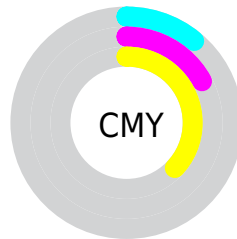


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9714, 66.1542, 43.2210 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 61.9714, 66.1542, 43.2210 by changing the saturation by 10% instead.

■ 61.9714, 66.1542,
43.2210

■ 61.9714, 66.1542,
43.2210

421.5460,
446.9282, 375.4677

■ 45.2651, 48.3976,
29.7259

■ 106.7744,
113.7076, 81.3342

■ 31.8685, 34.1419,
19.3803

■ 135.6017,
144.2732, 106.7893

■ 21.4161, 23.0026,
11.7658

169.2002,
179.8773, 137.0682

■ 13.5427, 14.5954,
6.4638

207.9351,
220.9042, 172.5894

■ 7.8829, 8.5359,
3.0558

252.1717,
267.7383, 213.7714

■ 4.0713, 4.4398,
1.1232

302.2755,

■ 1.7425, 1.9225,

320.7641, 261.0327

0.0000

358.6118,
380.3659, 314.7920

■ 0.4827, 0.5618,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9714, 66.1542,
43.2210

■ 61.9714, 66.1542,
43.2210

■ 58.8041, 62.7490,
33.1339

■ 65.5546, 69.8038,
55.2570

■ 56.0273, 59.5704,
24.8864

■ 69.5676, 73.6971,
69.3350

■ 53.6203, 56.6116,
18.3648

■ 74.0296, 77.8448,
85.5471

■ 51.5584, 53.8621,
13.4406

■ 78.9572, 82.2542,
103.9785

■ 49.8134, 51.3099,
9.9679

■ 80.9761, 85.5763,
106.8577

■ 48.3519, 48.9408,
7.7733

■ 82.5957, 88.8154,
107.3976

■ 47.1204, 46.7326,
6.5770

■ 84.2636, 92.1514,
107.9536

■ 47.0482, 46.6005,
6.5151

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



68.1352, 66.1542, 45.5586



61.9714, 66.1542, 43.2210



56.4177, 66.1542, 47.5073

Triad

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



61.9714, 66.1542, 43.2210



53.6009, 66.1542, 92.9552



74.1792, 66.1542, 87.7034

Complementary

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



61.9714, 66.1542, 43.2210



44.4233, 44.6214, 79.6703

Split Complementary

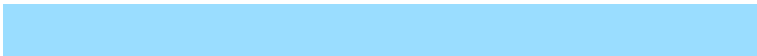
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8127, 66.1542, 103.8067



61.9714, 66.1542, 43.2210



57.8976, 66.1542, 107.1696

Square

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



61.9714, 66.1542, 43.2210



51.7896, 66.1542, 74.6701



63.7926, 66.1542, 111.4323



75.4449, 66.1542, 69.4542

Rectangle

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



61.9714, 66.1542, 43.2210



53.7273, 66.1542, 54.0329



63.7926, 66.1542, 111.4323



73.0120, 66.1542, 93.6376

Sweetspot

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



61.9731, 66.1572, 43.2224



89.8496, 95.1631, 90.0139



52.7511, 45.1888, 47.9308



19.0612, 20.2069, 18.6590



0.0000, 0.0000, 0.0000



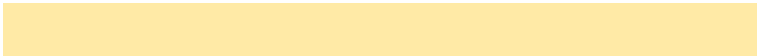
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9731, 66.1572, 43.2224



77.4357, 82.6754, 47.8329



61.1124, 71.9461, 44.3851



15.2948, 16.2034, 15.2259



27.2634, 27.1009, 3.7941



2.0850, 2.1434, 0.3038

Inverse Universe

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



44.4233, 44.6214, 79.6703



51.5058, 50.8645, 101.7109



45.0519, 40.5274, 78.8469



13.8608, 14.4429, 18.2016



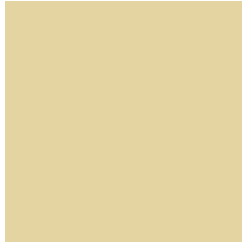
8.9360, 4.9342, 42.8646



0.7311, 0.5062, 3.1911

Previews

White Background



This preview shows how the XYZ color 61.9714, 66.1542, 43.2210 looks on a white background.

Color Contrast Check

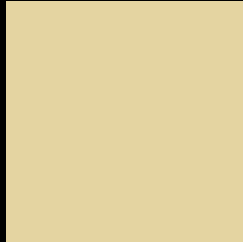
Large Text (above 18pt) WCAG AA × Fail

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 61.9714, 66.1542, 43.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

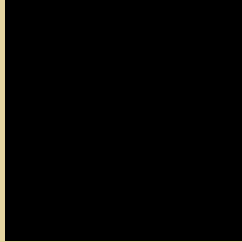
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9714, 66.1542, 43.2210

Background



This preview shows how black text looks on a background with the XYZ color 61.9714, 66.1542, 43.2210.

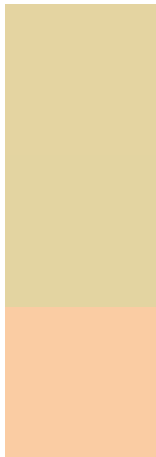


This preview shows how white text looks on a background with the XYZ color 61.9714, 66.1542,

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

61.9714, 66.1542, 43.2210

Protanopia

61.6551, 65.9911, 43.2062

Deuteranopia

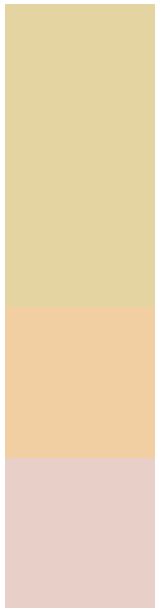
67.6281, 66.1541, 43.8550



Tritanopia

68.7721, 66.0152, 76.8277

Trichromacy



Original Color

61.9714, 66.1542, 43.2210

Protanomaly

61.6551, 65.9911, 43.2062

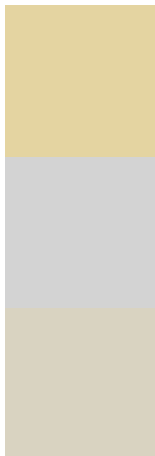
Deuteranomaly

65.4524, 66.1115, 43.4935

Tritanomaly

65.9003, 65.9050, 63.2804

Monochromacy



Original Color

61.9714, 66.1542, 43.2210

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5352, 65.1905, 59.7918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9714, 66.1542, 43.2210 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(228, 212, 161)` looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 161)  
}
```

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(228, 212, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 161) }
```

Border

The CSS property to change the border of an element to XYZ 61.9714, 66.1542, 43.2210 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(228, 212, 161) }
```


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

```
.border{ border-color:rgb(228, 212, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 212, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 161);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9714, 66.1542, 43.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 161) }
```

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

```
.background{ background-color: rgb(228,  
212, 161) }
```

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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