

Converting Colors

XYZ(62.9567, 69.2666, 46.1290)

Have a look what the booklet for
XYZ(62.9567, 69.2666, 46.1290)
contains.

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Color

**XYZ(62.9549, 69.2635,
46.1275)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0DBA6 |
| RGB | 224, 219, 166 |
| RGB Percent | 88%, 86%, 65% |
| CMY | 0.1216, 0.1412, 0.3490 |
| CMYK | 0.00, 0.02, 0.26, 0.12 |
| HSL | 55°, 48%, 76% |
| HSV | 55°, 26%, 88% |
| XYZ | 62.9549, 69.2635, 46.1275 |
| YIQ | 214.4530, 19.9930, -15.4230 |

Conversions

Conversions Part 2

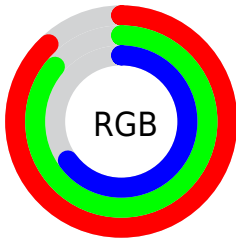
| Format | Color |
|-------------------------------------|--|
| RYB | 171, 224, 166 |
| Decimal | 14736294 |
| CIELab | 86.63, -6.54, 26.75 |
| CIELCh | 87, 27.535, 103.746 |
| Yxy | 69.2635, 0.3530, 0.3884 |
| Android (android.graphics.Color) | 4292926374 (0xFFE0DBA6) |
| YUV | 214.4530, -23.8873, 8.3727 |
| Hunter-Lab | 83.2247, -10.6178, 25.3957 |

Details

The XYZ color **62.9549, 69.2635, 46.1275** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7431, 42.6135, 76.4409**, and the grayscale version is **64.3699, 67.7221, 73.7494**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **32.4612, 36.0907, 21.1749** is the 20% darker color. If you saturate the color by 10%, you get **60.5769, 67.5141, 36.0651**, and if you desaturate by 10%, it is **65.7003, 71.1740, 58.0797**.

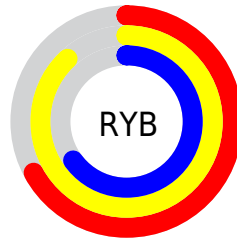
Distribution



Red (88%)

Green (86%)

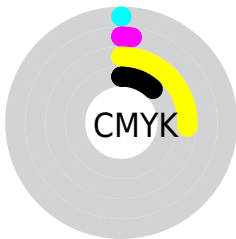
Blue (65%)



Red (67%)

Yellow (88%)

Blue (65%)

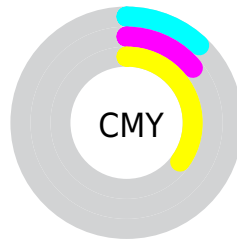


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (12%)



Cyan (12%)

Magenta (14%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9549, 69.2635, 46.1275 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 62.9549, 69.2635, 46.1275 by changing the saturation by 10% instead.

62.9549, 69.2635,
46.1275

62.9549, 69.2635,
46.1275

425.0681,
457.9598, 387.6135

46.0632, 50.9263,
31.9971

108.1866,
118.1579, 85.7461

32.5006, 36.1500,
21.0944

137.2574,
149.4838, 112.0713

21.9015, 24.5501,
13.0011

171.1186,
185.9082, 143.2985

13.9007, 15.7422,
7.2986

210.1355,
227.8154, 179.8462

8.1329, 9.3419,
3.5683

254.6736,
275.5897, 222.1331

4.2326, 4.9648,
1.3916

305.0981,

1.8346, 2.2266,

329.6156, 270.5775

0.1352

361.7745,
390.2775, 325.5981

■ 0.5384, 0.7345,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9549, 69.2635,
46.1275

■ 62.9549, 69.2635,
46.1275

■ 60.5769, 67.5141,
36.0651

■ 65.7003, 71.1740,
58.0797

■ 58.5422, 65.9089,
27.7903

■ 68.8249, 73.2431,
72.0078

■ 56.8325, 64.4430,
21.1981

■ 72.3466, 75.4805,
87.9983

■ 55.4254, 63.1074,
16.1707

■ 76.1836, 77.8534,
105.6196

■ 54.2955, 61.8919,
12.5749

■ 76.7133, 78.9128,
105.7962

■ 53.4135, 60.7847,
10.2557

■ 77.2489, 79.9841,
105.9748

■ 52.7428, 59.7711,
9.0214

■ 77.7905, 81.0673,
106.1553

■ 52.5027, 59.3716,
8.6927

■ 78.3381, 82.1625,
106.3378

■ 78.8917, 83.2696,
106.5223

Harmonies

Analogous

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



69.3339, 69.2635, 46.4155



62.9549, 69.2635, 46.1275



57.6935, 69.2635, 52.7351

Triad

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



62.9549, 69.2635, 46.1275



57.3458, 69.2635, 102.4725



78.3535, 69.2635, 85.7054

Complementary

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



62.9549, 69.2635, 46.1275



43.7431, 42.6135, 76.4409

Split Complementary

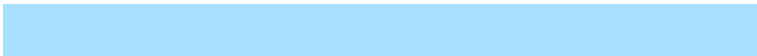
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7039, 69.2635, 103.8151



62.9549, 69.2635, 46.1275



62.4518, 69.2635, 114.5148

Square

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



62.9549, 69.2635, 46.1275



54.5996, 69.2635, 84.0947



68.7973, 69.2635, 115.0425



78.5100, 69.2635, 67.3562

Rectangle

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



62.9549, 69.2635, 46.1275



55.4122, 69.2635, 60.8903



68.7973, 69.2635, 115.0425



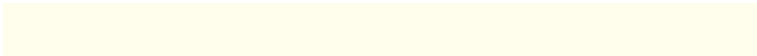
77.4844, 69.2635, 92.0859

Sweetspot

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



62.9567, 69.2666, 46.1290



91.3798, 97.6393, 92.3246



51.8045, 46.0914, 45.0961



19.4196, 20.8073, 19.1370



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.



62.9567, 69.2666, 46.1290



82.6982, 91.6459, 54.3791



57.5728, 68.4546, 46.2560



14.7655, 15.8170, 14.5815



30.6028, 34.6435, 5.0739



2.1513, 2.4615, 0.3617

Inverse Universe

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



43.7431, 42.6135, 76.4409



52.8267, 50.2113, 101.5152



48.1274, 43.4996, 76.3809



13.0465, 13.4320, 17.2927



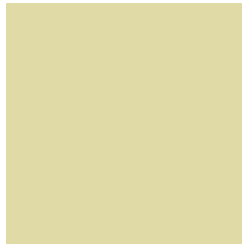
8.0045, 3.4786, 41.2979



0.5881, 0.3077, 2.8736

Previews

White Background



This preview shows how the XYZ color 62.9549, 69.2635, 46.1275 looks on a white background.

Color Contrast Check

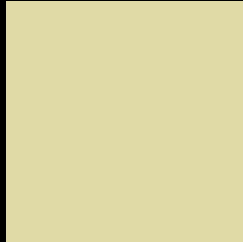
Large Text (above 18pt) WCAG AA × Fail

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 62.9549, 69.2635, 46.1275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

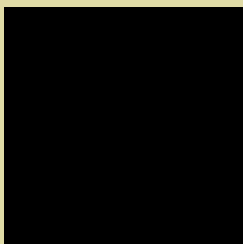
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

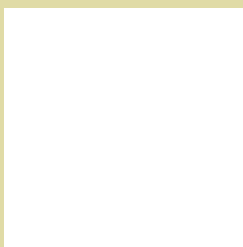
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9549, 69.2635, 46.1275

Background



This preview shows how black text looks on a background with the XYZ color 62.9549, 69.2635, 46.1275.



This preview shows how white text looks on a background with the XYZ color 62.9549, 69.2635,

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

62.9549, 69.2635, 46.1275

Protanopia

64.6261, 68.9842, 45.5064

Deuteranopia

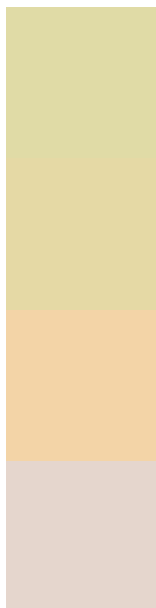
70.4968, 69.0097, 46.6504



Tritanopia

70.4381, 69.2904, 82.3349

Trichromacy



Original Color

62.9549, 69.2635, 46.1275

Protanomaly

63.9175, 69.0003, 45.5469

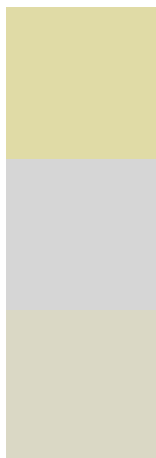
Deuteranomaly

67.4807, 68.9317, 46.3077

Tritanomaly

67.3791, 69.1589, 67.5554

Monochromacy



Original Color

62.9549, 69.2635, 46.1275

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5474, 68.0484, 62.6087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9549, 69.2635, 46.1275 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(224, 219, 166)` looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 166)  
}
```

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(224, 219, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 166) }
```

Border

The CSS property to change the border of an element to XYZ 62.9549, 69.2635, 46.1275 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(224, 219, 166) }
```


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

```
.border{ border-color:rgb(224, 219, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 219, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 219, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 219, 166);  
box-shadow:4px 4px 4px 4px rgb(224, 219,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9549, 69.2635, 46.1275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 219, 166) }
```

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

```
.background{ background-color: rgb(224,  
219, 166) }
```

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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