

Converting Colors

XYZ(61.7982, 64.9100, 52.0324)

Have a look what the booklet for
XYZ(61.7982, 64.9100, 52.0324)
contains.

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Color

**XYZ(61.6776, 64.7029,
51.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D1B3
RGB	224, 209, 179
RGB Percent	88%, 82%, 70%
CMY	0.1216, 0.1804, 0.2980
CMYK	0.00, 0.07, 0.20, 0.12
HSL	40°, 42%, 79%
HSV	40°, 20%, 88%
XYZ	61.6776, 64.7029, 51.8860
YIQ	210.0650, 18.5700, -6.1500

Conversions

Conversions Part 2

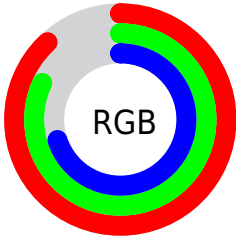
Format	Color
R _Y B	202, 224, 179
Decimal	14733747
CIE Lab	84.33, 0.42, 16.77
CIE LCh	84, 16.772, 88.564
Yxy	64.7029, 0.3460, 0.3630
Android (android.graphics.Color)	4292923827 (0xFFE0D1B3)
YUV	210.0650, -15.3150, 12.2210
Hunter-Lab	80.4381, -3.8981, 18.0621

Details

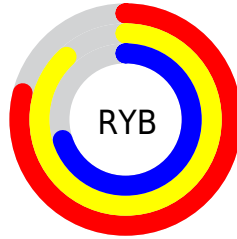
The XYZ color **61.6776, 64.7029, 51.8860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3364, 53.5478, 78.1514**, and the grayscale version is **61.3915, 64.5887, 70.3371**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **31.6357, 33.2739, 24.4938** is the 20% darker color. If you saturate the color by 10%, you get **57.8055, 60.2942, 40.3116**, and if you desaturate by 10%, it is **66.0070, 69.4362, 65.4301**.

Distribution



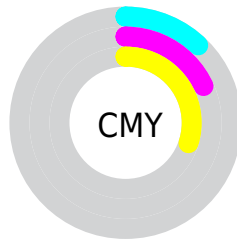
- Red (88%)
- Green (82%)
- Blue (70%)



- Red (79%)
- Yellow (88%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (12%)





- Cyan (12%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6776, 64.7029, 51.8860 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 61.6776, 64.7029, 51.8860 by changing the saturation by 10% instead.


 61.6776, 64.7029,
51.8860

 61.6776, 64.7029,
51.8860


420.4904,
441.7236, 410.9408

 45.0269, 47.2202,
36.5326


 106.3520,
111.6226, 94.3880

 31.6799, 33.2098,
24.5529


135.1064,
141.8284, 122.3736

 21.2715, 22.2872,
15.5283


168.6260,
177.0441, 155.4071

 13.4362, 14.0681,
9.0402

207.2762,
217.6539, 193.9069

 7.8087, 8.1680,
4.6703

251.4225,
264.0424, 238.2917

 4.0235, 4.2027,
1.9998

301.4300,

 1.7155, 1.7876,

316.5939, 288.9799

0.5552

357.6642,
375.6928, 346.3900

■ 0.4659, 0.4794,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6776, 64.7029,
51.8860

■ 61.6776, 64.7029,
51.8860

■ 57.8055, 60.2942,
40.3116

■ 66.0070, 69.4362,
65.4301

■ 54.3667, 56.1921,
30.6088

■ 70.8063, 74.4944,
81.0272

■ 51.3425, 52.3893,
22.6775

■ 76.0938, 79.8888,
98.7608

■ 48.7105, 48.8751,
16.4064

■ 79.6170, 84.7201,
106.7641

■ 46.4462, 45.6375,
11.6714

■ 81.8460, 89.1782,
107.5071

■ 44.5214, 42.6634,
8.3309

■ 84.1663, 93.8188,
108.2805

■ 42.9030, 39.9373,
6.2167

■ 84.5506, 94.5874,
108.4086

■ 41.5447, 37.4555,
5.0400

Harmonies

Analogous

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



65.3060, 64.7029, 54.3724



61.6776, 64.7029, 51.8860



58.1399, 64.7029, 53.9415

Triad

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



61.6776, 64.7029, 51.8860



55.4254, 64.7029, 80.7101



67.8076, 64.7029, 81.6876

Complementary

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



61.6776, 64.7029, 51.8860



51.3364, 53.5478, 78.1514

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.



64.9833, 64.7029, 90.0247



61.6776, 64.7029, 51.8860



57.8413, 64.7029, 89.4215

Square

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



61.6776, 64.7029, 51.8860



54.6188, 64.7029, 69.9383



61.3191, 64.7029, 92.9863



68.9322, 64.7029, 70.9651

Rectangle

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



61.6776, 64.7029, 51.8860



56.2883, 64.7029, 57.7406



61.3191, 64.7029, 92.9863



67.0200, 64.7029, 84.9007

Sweetspot

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



61.6793, 64.7058, 51.8874



91.0787, 95.8435, 95.9039



56.5988, 51.9834, 58.0904



19.4051, 20.4197, 20.2379



0.0000, 0.0000, 0.0000



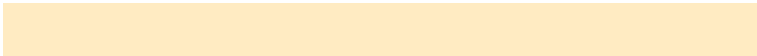
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6793, 64.7058, 51.8874



80.5509, 84.3376, 62.9545



63.2597, 71.2416, 53.0656



14.4669, 15.2197, 14.4820



24.2917, 22.0212, 2.9702



1.7650, 1.6889, 0.2330

Inverse Universe

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



51.3364, 53.5478, 78.1514



64.3424, 66.8541, 104.1207



49.9468, 48.1248, 77.1779



13.3234, 13.9858, 17.3850



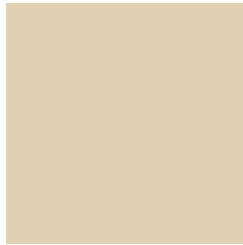
9.3766, 6.2228, 41.7553



0.7303, 0.5920, 2.9210

Previews

White Background



This preview shows how the XYZ color 61.6776, 64.7029, 51.8860 looks on a white background.

Color Contrast Check

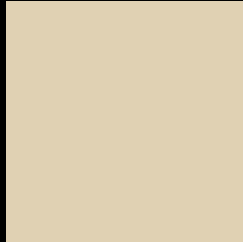
Large Text (above 18pt) WCAG AA × Fail

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 61.6776, 64.7029, 51.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

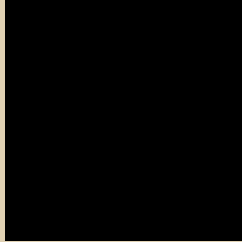
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

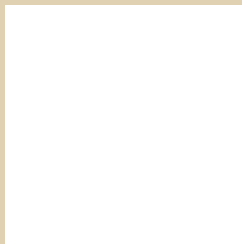
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6776, 64.7029, 51.8860

Background



This preview shows how black text looks on a background with the XYZ color 61.6776, 64.7029, 51.8860.



This preview shows how white text looks on a background with the XYZ color 61.6776, 64.7029,

51.8860.

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

61.6776, 64.7029, 51.8860

Protanopia

61.0021, 64.7200, 51.9249

Deuteranopia

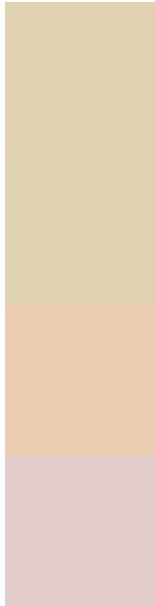
65.8698, 64.7079, 52.1982



Tritanopia

66.4552, 64.4844, 75.9620

Trichromacy



Original Color

61.6776, 64.7029, 51.8860

Protanomaly

61.3075, 64.8775, 51.9392

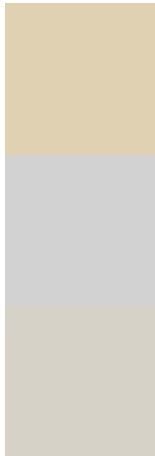
Deuteranomaly

64.3305, 64.6201, 52.2624

Tritanomaly

64.4090, 64.3532, 66.1534

Monochromacy



Original Color

61.6776, 64.7029, 51.8860

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3797, 64.6638, 63.2791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6776, 64.7029, 51.8860 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, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 179)  
}
```

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, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 179) }
```

Border

The CSS property to change the border of an element to XYZ 61.6776, 64.7029, 51.8860 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, 209, 179) }
```


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

```
.border{ border-color:rgb(224, 209, 179) }
```

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

Here you see how a box with a 4 pixel rgb(224, 209, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6776, 64.7029, 51.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 179) }
```

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

```
.background{ background-color: rgb(224,  
209, 179) }
```

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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