

Converting Colors

XYZ(61.5418, 64.8834, 57.1402)

Have a look what the booklet for
XYZ(61.5418, 64.8834, 57.1402)
contains.

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Color

**XYZ(61.7471, 64.9830,
57.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD2BD
RGB	220, 210, 189
RGB Percent	86%, 82%, 74%
CMY	0.1373, 0.1764, 0.2588
CMYK	0.00, 0.05, 0.14, 0.14
HSL	41°, 31%, 80%
HSV	41°, 14%, 86%
XYZ	61.7471, 64.9830, 57.4327
YIQ	210.5960, 12.7010, -4.4110

Conversions

Conversions Part 2

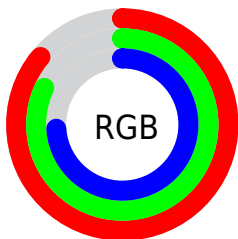
Format	Color
R_{YB}	204, 220, 189
Decimal	14471869
CIE _{Lab}	84.47, -0.04, 11.64
CIE _{LCh}	84, 11.637, 90.199
Yxy	64.9830, 0.3353, 0.3529
Android (android.graphics.Color)	4292661949 (0xFFD _{CD} 2BD)
YUV	210.5960, -10.6468, 8.2473
Hunter-Lab	80.6120, -4.3439, 14.1868

Details

The XYZ color **61.7471, 64.9830, 57.4327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3277, 56.8317, 75.8169**, and the grayscale version is **61.7140, 64.9279, 70.7065**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **31.8495, 33.5538, 28.0904** is the 20% darker color. If you saturate the color by 10%, you get **57.8258, 60.6761, 45.2239**, and if you desaturate by 10%, it is **66.1119, 69.5958, 71.5780**.

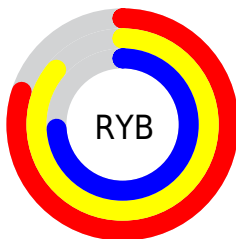
Distribution



Red (86%)

Green (82%)

Blue (74%)



Red (80%)

Yellow (86%)

Blue (74%)

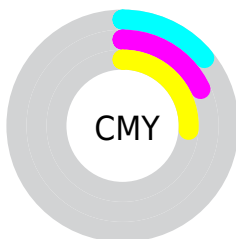


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7471, 64.9830, 57.4327 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 61.7471, 64.9830, 57.4327 by changing the saturation by 10% instead.

■ 61.7471, 64.9830,
57.4327

■ 61.7471, 64.9830,
57.4327

420.7403,
442.7309, 432.6078

■ 45.0832, 47.4473,
40.9411

■ 106.4519,
112.0254, 102.6029

■ 31.7245, 33.3894,
27.9537

135.2236,
142.3009, 132.1185

■ 21.3057, 22.4249,
18.0520

168.7619,
177.5918, 166.8125

■ 13.4614, 14.1695,
10.8175

207.4322,
218.2825, 207.1035

■ 7.8262, 8.2386,
5.8316

251.5998,
264.7573, 253.4100

■ 4.0348, 4.2480,
2.6758

301.6301,

■ 1.7218, 1.8132,

317.4007, 306.1505

0.9312

357.8885,
376.5971, 365.7436

■ 0.4699, 0.4954,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7471, 64.9830,
57.4327

■ 61.7471, 64.9830,
57.4327

■ 57.8258, 60.6761,
45.2239

■ 66.1119, 69.5958,
71.5780

■ 54.3254, 56.6581,
34.8615

■ 70.9311, 74.5140,
87.7363

■ 51.2291, 52.9228,
26.2544

■ 76.2215, 79.7479,
105.9833

■ 48.5170, 49.4604,
19.3020

■ 78.2506, 83.8062,
106.6597

■ 46.1669, 46.2606,
13.8933

■ 80.3612, 88.0274,
107.3632

■ 44.1542, 43.3116,
9.9039

■ 82.5541, 92.4132,
108.0942

■ 42.4505, 40.6005,
7.1895

■ 83.3254, 93.9557,
108.3513

■ 41.0214, 38.1115,
5.5750

■ 40.2731, 36.7312,
4.9672

Harmonies

Analogous

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



64.2721, 64.9830, 59.0892



61.7471, 64.9830, 57.4327



59.2937, 64.9830, 59.1331

Triad

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



61.7471, 64.9830, 57.4327



57.5604, 64.9830, 78.1730



66.1864, 64.9830, 78.0814

Complementary

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



61.7471, 64.9830, 57.4327



54.3277, 56.8317, 75.8169

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.



64.3028, 64.9830, 83.8088



61.7471, 64.9830, 57.4327



59.3228, 64.9830, 83.8643

Square

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



61.7471, 64.9830, 57.4327



56.9181, 64.9830, 70.8050



61.7817, 64.9830, 85.9939



66.8783, 64.9830, 70.7059

Rectangle

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



61.7471, 64.9830, 57.4327



58.0176, 64.9830, 62.0146



61.7817, 64.9830, 85.9939



65.6691, 64.9830, 80.2812

Sweetspot

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



61.7489, 64.9859, 57.4341



92.4107, 97.2799, 100.1325



58.0611, 55.7508, 61.9376



19.6759, 20.7141, 21.0906



0.0000, 0.0000, 0.0000



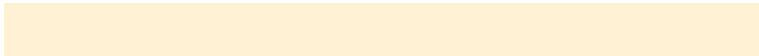
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7489, 64.9859, 57.4341



84.5415, 88.9197, 74.7635



62.7545, 69.2829, 58.2105



13.7899, 14.5191, 13.8012



23.7407, 21.7670, 2.9502



1.6148, 1.5637, 0.2167

Inverse Universe

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



54.3277, 56.8317, 75.8169



72.1958, 75.3554, 105.3477



53.4076, 53.0549, 75.1363



12.6798, 13.2993, 16.5509



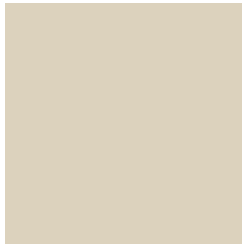
8.9914, 5.8523, 40.3941



0.6592, 0.5325, 2.6425

Previews

White Background



This preview shows how the XYZ color 61.7471, 64.9830, 57.4327 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 61.7471, 64.9830, 57.4327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

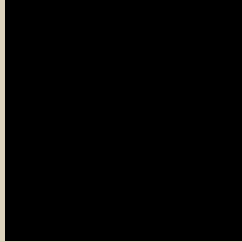
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

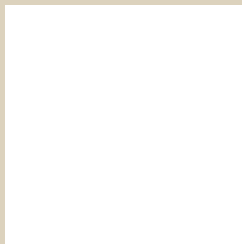
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7471, 64.9830, 57.4327

Background



This preview shows how black text looks on a background with the XYZ color 61.7471, 64.9830, 57.4327.

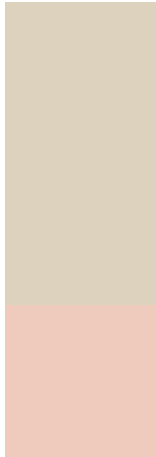


This preview shows how white text looks on a background with the XYZ color 61.7471, 64.9830,

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

61.7471, 64.9830, 57.4327

Protanopia

61.7471, 64.9830, 57.4327

Deuteranopia

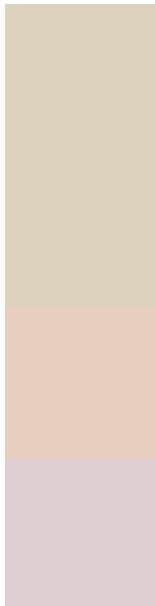
66.2468, 64.7803, 57.7275



Tritanopia

65.6229, 64.7304, 77.4421

Trichromacy



Original Color

61.7471, 64.9830, 57.4327

Protanomaly

61.7471, 64.9830, 57.4327

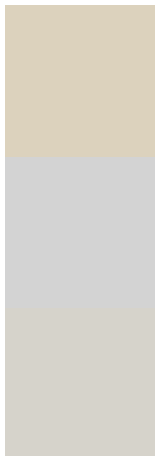
Deuteranomaly

64.6443, 65.0161, 57.8574

Tritanomaly

64.2529, 64.9171, 69.4654

Monochromacy



Original Color

61.7471, 64.9830, 57.4327

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.8053, 65.1965, 65.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7471, 64.9830, 57.4327 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(220, 210, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 189)  
}
```

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(220, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.7471, 64.9830, 57.4327 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(220, 210, 189) }
```


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

```
.border{ border-color:rgb(220, 210, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 210, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 210, 189); box-shadow:4px 4px 4px 4px rgb(220, 210, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7471, 64.9830, 57.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 189) }
```

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

```
.background{ background-color: rgb(220,  
210, 189) }
```

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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