

Converting Colors

XYZ(61.9126, 65.6799, 57.3879)

Have a look what the booklet for
XYZ(61.9126, 65.6799, 57.3879)
contains.

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Color

**XYZ(61.9422, 65.8212,
57.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD4BD
RGB	219, 212, 189
RGB Percent	86%, 83%, 74%
CMY	0.1412, 0.1686, 0.2588
CMYK	0.00, 0.03, 0.14, 0.14
HSL	46°, 29%, 80%
HSV	46°, 14%, 86%
XYZ	61.9422, 65.8212, 57.5842
YIQ	211.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

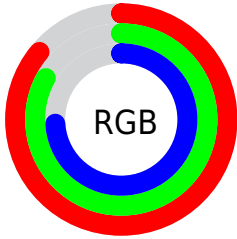
Format	Color
RYB	198, 219, 189
Decimal	14406845
CIELab	84.91, -1.44, 12.24
CIELCh	85, 12.321, 96.707
Yxy	65.8212, 0.3342, 0.3551
Android (android.graphics.Color)	4292596925 (0xFFDBD4BD)
YUV	211.4710, -11.0782, 6.6029
Hunter-Lab	81.1303, -5.6949, 14.7087

Details

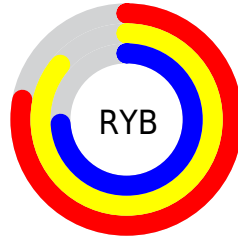
The XYZ color **61.9422, 65.8212, 57.5842** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5122, 55.4120, 74.8935**, and the grayscale version is **62.2956, 65.5398, 71.3729**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **31.8107, 33.7840, 28.1369** is the 20% darker color. If you saturate the color by 10%, you get **58.4864, 62.4306, 45.5762**, and if you desaturate by 10%, it is **65.8010, 69.4420, 71.4990**.

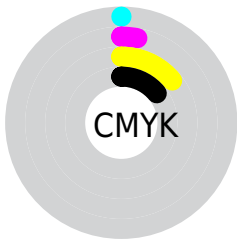
Distribution



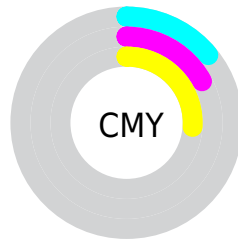
- Red (86%)
- Green (83%)
- Blue (74%)



- Red (78%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9422, 65.8212, 57.5842 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 61.9422, 65.8212, 57.5842 by changing the saturation by 10% instead.

■ 61.9422, 65.8212,
57.5842

■ 61.9422, 65.8212,
57.5842

421.4411,
445.7372, 433.1897

■ 45.2414, 48.1273,
41.0620

■ 106.7324,
113.2297, 102.8259

■ 31.8497, 33.9277,
28.0474

135.5525,
143.7130, 132.3824

■ 21.4017, 22.8381,
18.1221

169.1432,
179.2283, 167.1209

■ 13.5321, 14.4740,
10.8673

207.8696,
220.1598, 207.4597

■ 7.8755, 8.4511,
5.8646

252.0973,
266.8921, 253.8174

■ 4.0665, 4.3849,
2.6955

302.1916,

■ 1.7398, 1.8911,

319.8095, 306.6126

0.9412

358.5177,
379.2964, 366.2639

■ 0.4810, 0.5430,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9422, 65.8212,
57.5842

■ 61.9422, 65.8212,
57.5842

■ 58.4864, 62.4306,
45.5762

■ 65.8010, 69.4420,
71.4990

■ 55.4118, 59.2544,
35.3863

■ 70.0727, 73.2909,
87.3958

■ 52.7026, 56.2877,
26.9249

■ 74.7738, 77.3774,
105.3507

■ 50.3396, 53.5223,
20.0929

■ 76.2420, 80.2370,
106.0766

■ 48.3018, 50.9492,
14.7816

■ 77.7040, 83.1610,
106.5640

■ 46.5656, 48.5583,
10.8684

■ 79.2082, 86.1693,
107.0654

■ 45.1037, 46.3381,
8.2122

■ 80.7548, 89.2626,
107.5809

■ 43.8833, 44.2748,
6.6414

■ 82.3443, 92.4415,
108.1107

■ 43.2041, 43.0412,
6.0307

■ 83.0236, 93.8002,
108.3372

Harmonies

Analogous

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



64.6872, 65.8212, 58.5724



61.9422, 65.8212, 57.5842



59.4366, 65.8212, 60.1407

Triad

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



61.9422, 65.8212, 57.5842



58.3947, 65.8212, 81.1602



67.5727, 65.8212, 77.8596

Complementary

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



61.9422, 65.8212, 57.5842



53.5122, 55.4120, 74.8935

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.



65.7931, 65.8212, 84.5818



61.9422, 65.8212, 57.5842



60.4821, 65.8212, 86.5833

Square

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



61.9422, 65.8212, 57.5842



57.4279, 65.8212, 73.4611



63.1841, 65.8212, 87.8793



67.9914, 65.8212, 69.9045

Rectangle

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



61.9422, 65.8212, 57.5842



58.2213, 65.8212, 63.6304



63.1841, 65.8212, 87.8793



67.1113, 65.8212, 80.3556

Sweetspot

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



61.9440, 65.8241, 57.5856



92.6968, 97.8522, 100.2279



57.3756, 55.4417, 59.9027



19.7485, 20.8592, 21.1148



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.



61.9440, 65.8241, 57.5856



86.2029, 91.7247, 76.9136



61.3814, 68.1866, 58.0713



13.8915, 14.7223, 13.8351



25.7052, 25.6959, 3.6050



1.7291, 1.7922, 0.2548

Inverse Universe

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



53.5122, 55.4120, 74.8935



72.4187, 74.7038, 105.2101



54.0106, 53.3809, 74.4752



12.5839, 13.1075, 16.5189



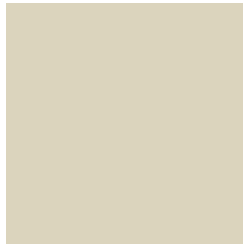
8.3551, 4.5796, 40.1820



0.6075, 0.4291, 2.6252

Previews

White Background



This preview shows how the XYZ color 61.9422, 65.8212, 57.5842 looks on a white background.

Color Contrast Check

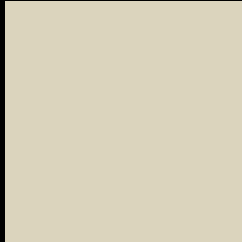
Large Text (above 18pt) WCAG AA × Fail

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 61.9422, 65.8212, 57.5842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

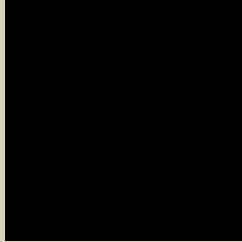
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

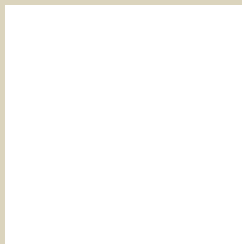
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9422, 65.8212, 57.5842

Background



This preview shows how black text looks on a background with the XYZ color 61.9422, 65.8212, 57.5842.



This preview shows how white text looks on a background with the XYZ color 61.9422, 65.8212,

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

61.9422, 65.8212, 57.5842

Protanopia

62.2984, 65.6348, 57.5294

Deuteranopia

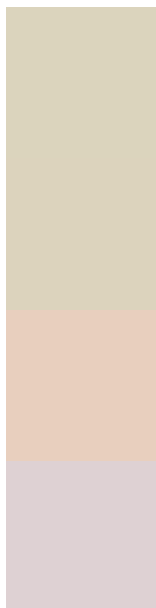
66.9320, 65.4726, 58.4000



Tritanopia

66.3726, 65.8007, 79.0146

Trichromacy



Original Color

61.9422, 65.8212, 57.5842

Protanomaly

61.9948, 65.4783, 57.5152

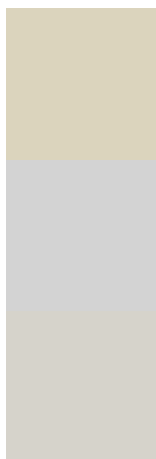
Deuteranomaly

64.8858, 65.4992, 57.9379

Tritanomaly

64.6825, 65.8337, 70.9260

Monochromacy



Original Color

61.9422, 65.8212, 57.5842

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 61.9422, 65.8212, 57.5842 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(219, 212, 189) looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 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(219, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.9422, 65.8212, 57.5842 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(219, 212, 189) }
```


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

```
.border{ border-color:rgb(219, 212, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9422, 65.8212, 57.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 189) }
```

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

```
.background{ background-color: rgb(219,  
212, 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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