

Converting Colors

XYZ(65.9160, 69.2428, 63.9239)

Have a look what the booklet for
XYZ(65.9160, 69.2428, 63.9239)
contains.

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Color

**XYZ(65.9160, 69.2428,
63.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D8C7
RGB	225, 216, 199
RGB Percent	88%, 85%, 78%
CMY	0.1176, 0.1529, 0.2196
CMYK	0.00, 0.04, 0.12, 0.12
HSL	39°, 30%, 83%
HSV	39°, 12%, 88%
XYZ	65.9160, 69.2428, 63.9239
YIQ	216.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

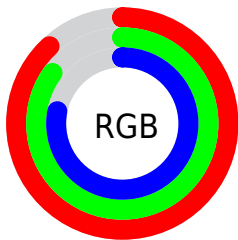
Format	Color
R _Y B	213, 225, 199
Decimal	14801095
CIE Lab	86.62, 0.23, 9.47
CIE LCh	87, 9.473, 88.608
Yxy	69.2428, 0.3311, 0.3478
Android (android.graphics.Color)	4292991175 (0xFFE1D8C7)
YUV	216.7530, -8.7522, 7.2326
Hunter-Lab	83.2123, -4.2239, 12.7018

Details

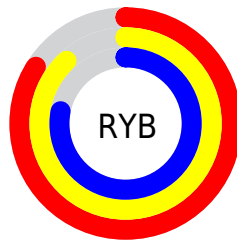
The XYZ color **65.9160, 69.2428, 63.9239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6995, 62.6889, 80.1885**, and the grayscale version is **65.8386, 69.2674, 75.4322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4333, 36.0801, 31.9374** is the 20% darker color. If you saturate the color by 10%, you get **61.5476, 64.3817, 50.5180**, and if you desaturate by 10%, it is **70.7690, 74.4536, 79.3987**.

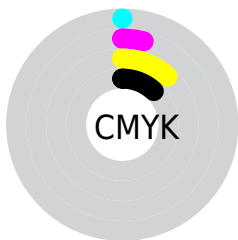
Distribution



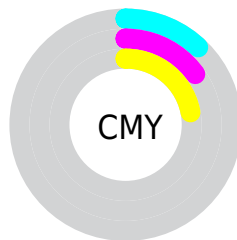
- Red (88%)
- Green (85%)
- Blue (78%)



- Red (84%)
- Yellow (88%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9160, 69.2428, 63.9239 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 65.9160, 69.2428, 63.9239 by changing the saturation by 10% instead.

65.9160, 69.2428,
63.9239

65.9160, 69.2428,
63.9239

435.5698,
457.8868, 457.1147

48.4717, 50.9095,
46.1433

112.4242,
118.1283, 112.0997

34.4134, 36.1366,
32.0094

142.2187,
149.4493, 143.3320

23.3757, 24.5397,
21.1038

176.8607,
185.8682, 179.8853

14.9934, 15.7344,
13.0079

216.7155,
227.7696, 222.1780

8.9010, 9.3364,
7.3032

262.1484,
275.5377, 270.6288

4.7333, 4.9613,
3.5711

313.5249,

2.1248, 2.2246,

329.5571, 325.6561

1.3931

371.2102,
390.2120, 387.6786

■ 0.7026, 0.7333,
0.1364

■ 0.0000, 0.0000,
0.0000

■ 65.9160, 69.2428,
63.9239

■ 65.9160, 69.2428,
63.9239

■ 61.5476, 64.3817,
50.5180

■ 70.7690, 74.4536,
79.3987

■ 57.6399, 59.8517,
39.0871

■ 76.1181, 80.0137,
97.0217

■ 54.1754, 55.6459,
29.5367

■ 80.0735, 85.1715,
106.8272

■ 51.1331, 51.7540,
21.7629

■ 82.4066, 89.8376,
107.6048

■ 48.4899, 48.1643,
15.6513

■ 84.8390, 94.7025,
108.4157

■ 46.2204, 44.8645,
11.0743

■ 84.8616, 94.7477,
108.4232

■ 44.2952, 41.8405,
7.8854

■ 42.6799, 39.0761,
5.9091

■ 41.5092, 36.9229,
4.9391

Harmonies

Analogous

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



68.0404, 69.2428, 65.5218



65.9160, 69.2428, 63.9239



63.8093, 69.2428, 65.2542

Triad

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



65.9160, 69.2428, 63.9239



62.1704, 69.2428, 81.3418



69.4890, 69.2428, 81.8791

Complementary

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



65.9160, 69.2428, 63.9239



59.6995, 62.6889, 80.1885

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.



67.8586, 69.2428, 86.5325



65.9160, 69.2428, 63.9239



63.6351, 69.2428, 86.2104

Square

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



65.9160, 69.2428, 63.9239



61.6759, 69.2428, 75.0998



65.7105, 69.2428, 88.1593



70.1315, 69.2428, 75.6883

Rectangle

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



65.9160, 69.2428, 63.9239



62.6918, 69.2428, 67.6667



65.7105, 69.2428, 88.1593



69.0366, 69.2428, 83.6875

Sweetspot

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



65.9179, 69.2458, 63.9254



93.0040, 97.8399, 102.2623



62.8731, 61.4144, 68.2803



19.7918, 20.8197, 21.5180



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.



65.9179, 69.2458, 63.9254



86.0112, 90.2811, 80.1178



67.0840, 73.3625, 64.6585



14.4517, 15.1894, 14.4769



24.0323, 21.5025, 2.8838



1.7484, 1.6556, 0.2274

Inverse Universe

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



59.6995, 62.6889, 80.1885



76.1124, 79.8440, 106.0076



58.6163, 58.9666, 79.5271



13.3379, 14.0149, 17.3899



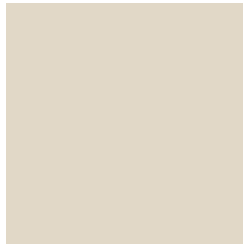
9.4937, 6.4569, 41.7943



0.7396, 0.6107, 2.9241

Previews

White Background



This preview shows how the XYZ color 65.9160, 69.2428, 63.9239 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 65.9160, 69.2428, 63.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

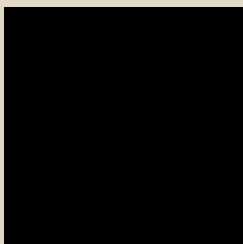
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

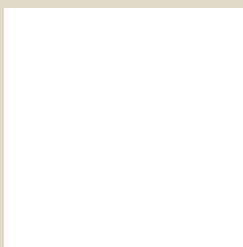
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9160, 69.2428, 63.9239

Background



This preview shows how black text looks on a background with the XYZ color 65.9160, 69.2428, 63.9239.

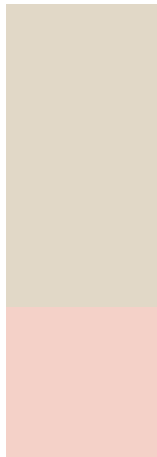


This preview shows how white text looks on a background with the XYZ color 65.9160, 69.2428,

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

65.9160, 69.2428, 63.9239

Protanopia

65.9160, 69.2428, 63.9239

Deuteranopia

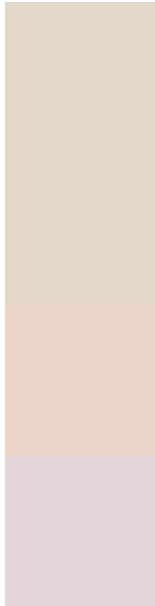
70.5340, 69.0042, 64.2452



Tritanopia

69.8602, 69.3464, 83.1020

Trichromacy



Original Color

65.9160, 69.2428, 63.9239

Protanomaly

65.9160, 69.2428, 63.9239

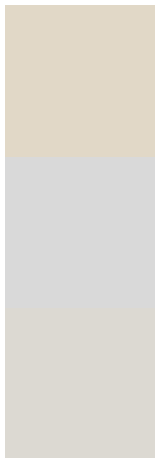
Deuteranomaly

68.8939, 69.2616, 64.3813

Tritanomaly

68.3135, 69.0922, 75.3813

Monochromacy



Original Color

65.9160, 69.2428, 63.9239

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.9609, 69.4945, 70.9100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9160, 69.2428, 63.9239 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(225, 216, 199) looks like.

```
.text, #text, p{  
    color:rgb(225, 216, 199)  
}
```

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(225, 216, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 216, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.9160, 69.2428, 63.9239 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(225, 216, 199) }
```


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

```
.border{ border-color:rgb(225, 216, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 216, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 216, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 216, 199);  
box-shadow:4px 4px 4px 4px rgb(225, 216,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9160, 69.2428, 63.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 216, 199) }
```

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

```
.background{ background-color: rgb(225,  
216, 199) }
```

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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