

Converting Colors

XYZ(65.5729, 69.1078, 62.1087)

Have a look what the booklet for
XYZ(65.5729, 69.1078, 62.1087)
contains.

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Color

**XYZ(65.5710, 69.1048,
62.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D8C4
RGB	225, 216, 196
RGB Percent	88%, 85%, 77%
CMY	0.1176, 0.1529, 0.2314
CMYK	0.00, 0.04, 0.13, 0.12
HSL	41°, 33%, 83%
HSV	41°, 13%, 88%
XYZ	65.5710, 69.1048, 62.1072
YIQ	216.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

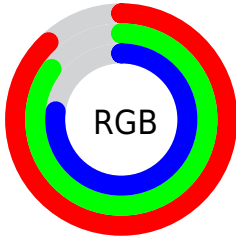
Format	Color
R _Y B	209, 225, 196
Decimal	14801092
CIE Lab	86.56, -0.25, 10.95
CIE LCh	87, 10.957, 91.303
Yxy	69.1048, 0.3332, 0.3512
Android (android.graphics.Color)	4292991172 (0xFFE1D8C4)
YUV	216.4110, -10.0626, 7.5326
Hunter-Lab	83.1293, -4.6785, 13.8940

Details

The XYZ color **65.5710, 69.1048, 62.1072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1867, 60.8335, 79.9100**, and the grayscale version is **65.6130, 69.0300, 75.1736**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **34.2049, 35.9888, 30.7349** is the 20% darker color. If you saturate the color by 10%, you get **61.4500, 64.6580, 49.0316**, and if you desaturate by 10%, it is **70.1559, 73.8632, 77.2339**.

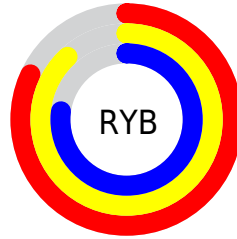
Distribution



Red (88%)

Green (85%)

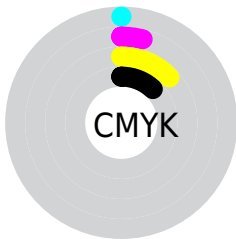
Blue (77%)



Red (82%)

Yellow (88%)

Blue (77%)

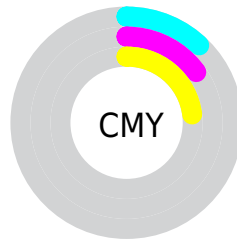


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5710, 69.1048, 62.1072 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 65.5710, 69.1048, 62.1072 by changing the saturation by 10% instead.

65.5710, 69.1048,
62.1072

65.5710, 69.1048,
62.1072

434.3539,
457.4005, 450.3405

48.1907, 50.7971,
44.6830

111.9315,
117.9312, 109.4535

34.1898, 36.0471,
30.8667

141.6424,
149.2188, 140.2128

23.2030, 24.4706,
20.2397

176.1942,
185.6016, 176.2540

14.8650, 15.6831,
12.3836

215.9522,
227.4643, 217.9959

8.8104, 9.3002,
6.8798

261.2819,
275.1911, 265.8570

4.6738, 4.9375,
3.3097

312.5484,

2.0900, 2.2106,

329.1665, 320.2557

1.2549

370.1173,
389.7748, 381.6107

■ 0.6837, 0.7258,
0.0244

■ 0.0000, 0.0000,
0.0000

■ 65.5710, 69.1048,
62.1072

■ 65.5710, 69.1048,
62.1072

■ 61.4500, 64.6580,
49.0316

■ 70.1559, 73.8632,
77.2339

■ 57.7692, 60.5051,
37.9127

■ 75.2159, 78.9324,
94.4917

■ 54.5112, 56.6399,
28.6551

■ 79.3694, 83.7634,
106.5925

■ 51.6552, 53.0524,
21.1537

■ 81.4291, 87.8827,
107.2790

■ 49.1784, 49.7320,
15.2927

■ 83.5682, 92.1610,
107.9921

■ 47.0550, 46.6668,
10.9426

■ 84.8616, 94.7477,
108.4232

■ 45.2558, 43.8433,
7.9538

■ 43.7456, 41.2460,
6.1459

■ 42.8075, 39.5194,
5.3718

Harmonies

Analogous

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



68.0554, 69.1048, 63.6281



65.5710, 69.1048, 62.1072



63.1768, 69.1048, 63.9131

Triad

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



65.5710, 69.1048, 62.1072



61.5965, 69.1048, 82.7478



70.0603, 69.1048, 82.1620

Complementary

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



65.5710, 69.1048, 62.1072



58.1867, 60.8335, 79.9100

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.



68.2526, 69.1048, 87.8394



65.5710, 69.1048, 62.1072



63.3645, 69.1048, 88.1926

Square

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



65.5710, 69.1048, 62.1072



60.9190, 69.1048, 75.5620



65.7932, 69.1048, 90.1123



70.6871, 69.1048, 74.9256

Rectangle

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



65.5710, 69.1048, 62.1072



61.9433, 69.1048, 66.8324



65.7932, 69.1048, 90.1123



69.5683, 69.1048, 84.3320

Sweetspot

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



65.5729, 69.1078, 62.1087



92.4498, 97.3582, 100.1456



61.8337, 59.9050, 66.1785



19.6859, 20.7339, 21.0939



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.



65.5729, 69.1078, 62.1087



85.8229, 90.4389, 78.4084



66.3092, 73.0029, 62.8217



14.4943, 15.2746, 14.4911



24.7758, 22.9895, 3.1316



1.7959, 1.7506, 0.2432

Inverse Universe

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



58.1867, 60.8335, 79.9100



74.5039, 77.7591, 105.6900



57.5041, 57.3786, 79.2791



13.2972, 13.9334, 17.3763



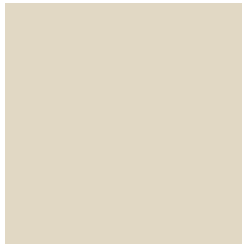
9.1778, 5.8251, 41.6890



0.7141, 0.5596, 2.9156

Previews

White Background



This preview shows how the XYZ color 65.5710, 69.1048, 62.1072 looks on a white background.

Color Contrast Check

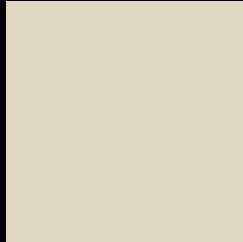
Large Text (above 18pt) WCAG AA × Fail

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 65.5710, 69.1048, 62.1072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

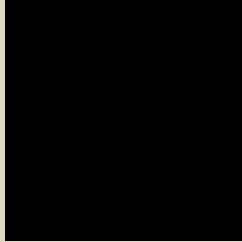
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

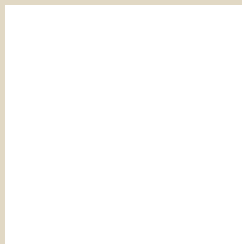
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5710, 69.1048, 62.1072

Background



This preview shows how black text looks on a background with the XYZ color 65.5710, 69.1048, 62.1072.

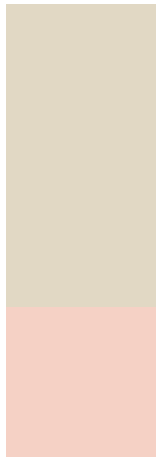


This preview shows how white text looks on a background with the XYZ color 65.5710, 69.1048,

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

65.5710, 69.1048, 62.1072

Protanopia

65.5710, 69.1048, 62.1072

Deuteranopia

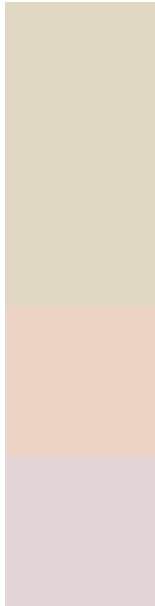
70.5347, 69.0446, 62.4327



Tritanopia

69.6110, 68.8480, 83.0189

Trichromacy



Original Color

65.5710, 69.1048, 62.1072

Protanomaly

65.5710, 69.1048, 62.1072

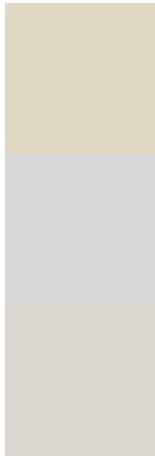
Deuteranomaly

68.8814, 69.2953, 62.5682

Tritanomaly

68.1838, 69.0403, 74.6982

Monochromacy



Original Color

65.5710, 69.1048, 62.1072

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2779, 68.7753, 70.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5710, 69.1048, 62.1072 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(225, 216, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 216, 196) }
```

Border

The CSS property to change the border of an element to XYZ 65.5710, 69.1048, 62.1072 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, 196) }
```


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

```
.border{ border-color:rgb(225, 216, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 216, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 216, 196);  
box-shadow:4px 4px 4px 4px rgb(225, 216,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5710, 69.1048, 62.1072 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, 196) }
```

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

```
.background{ background-color: rgb(225,  
216, 196) }
```

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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