

Converting Colors

XYZ(65.5963, 69.9903, 63.1406)

Have a look what the booklet for
XYZ(65.5963, 69.9903, 63.1406)
contains.

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Color

**XYZ(65.5809, 69.8620,
62.8516)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDAC5
RGB	223, 218, 197
RGB Percent	87%, 85%, 77%
CMY	0.1255, 0.1451, 0.2274
CMYK	0.00, 0.02, 0.12, 0.13
HSL	48°, 29%, 82%
HSV	48°, 12%, 87%
XYZ	65.5809, 69.8620, 62.8516
YIQ	217.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

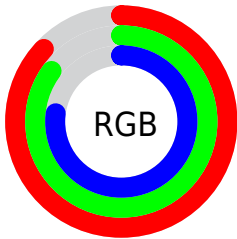
Format	Color
R_{YB}	203, 223, 197
Decimal	14670533
CIE _{Lab}	86.93, -1.84, 10.94
CIE _{LCh}	87, 11.091, 99.527
Yxy	69.8620, 0.3307, 0.3523
Android (android.graphics.Color)	4292860613 (0xFFDFDAC5)
YUV	217.1010, -9.9098, 5.1734
Hunter-Lab	83.5835, -6.2172, 13.9246

Details

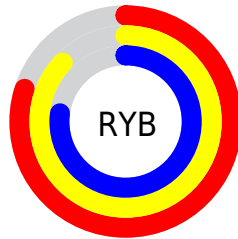
The XYZ color **65.5809, 69.8620, 62.8516** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4657, 59.4381, 78.2567**, and the grayscale version is **66.0853, 69.5269, 75.7148**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.2036, 36.5024, 31.2295** is the 20% darker color. If you saturate the color by 10%, you get **62.1163, 66.7234, 50.0090**, and if you desaturate by 10%, it is **69.4561, 73.2154, 77.6976**.

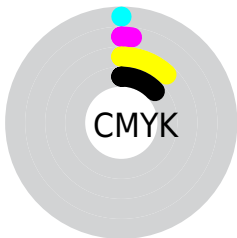
Distribution



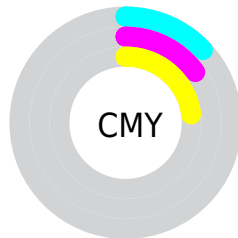
- Red (87%)
- Green (85%)
- Blue (77%)



- Red (80%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5809, 69.8620, 62.8516 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 65.5809, 69.8620, 62.8516 by changing the saturation by 10% instead.

■ 65.5809, 69.8620,
62.8516

■ 65.5809, 69.8620,
62.8516

434.3888,
460.0653, 453.1238

■ 48.1987, 51.4140,
45.2809

111.9457,
119.0119, 110.5389

■ 34.1962, 36.5382,
31.3342

141.6590,
150.4827, 141.4926

■ 23.2080, 24.8502,
20.5929

176.2133,
187.0632, 177.7444

■ 14.8687, 15.9655,
12.6384

215.9741,
229.1378, 219.7129

■ 8.8130, 9.4997,
7.0522

261.3067,
277.0909, 267.8165

■ 4.6755, 5.0685,
3.4158

312.5765,

■ 2.0910, 2.2875,

331.3070, 322.4738

1.3107

370.1487,
392.1703, 384.1034

■ 0.6843, 0.7671,
0.0705

■ 0.0000, 0.0000,
0.0000

■ 65.5809, 69.8620,
62.8516

■ 65.5809, 69.8620,
62.8516

■ 62.1163, 66.7234,
50.0090

■ 69.4561, 73.2154,
77.6976

■ 59.0397, 63.7834,
39.0782

■ 73.7520, 76.7810,
94.6244

■ 56.3353, 61.0375,
29.9670

■ 77.0184, 79.9815,
105.9864

■ 53.9834, 58.4776,
22.5741

■ 78.2315, 82.4076,
106.3908

■ 51.9628, 56.0947,
16.7877

■ 79.4741, 84.8929,
106.8050

■ 50.2494, 53.8790,
12.4834

■ 80.7465, 87.4376,
107.2291

■ 48.8160, 51.8191,
9.5180

■ 82.0488, 90.0423,
107.6632

■ 47.6298, 49.9015,
7.7200

■ 83.3813, 92.7073,
108.1074

■ 46.7839, 48.3925,
6.8749

■ 84.2417, 94.4281,
108.3942

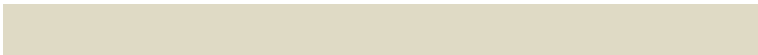
Harmonies

Analogous

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



68.1588, 69.8620, 63.4736



65.5809, 69.8620, 62.8516



63.2825, 69.8620, 65.5889

Triad

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



65.5809, 69.8620, 62.8516



62.6342, 69.8620, 85.5107



71.1772, 69.8620, 81.1660

Complementary

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



65.5809, 69.8620, 62.8516



57.4657, 59.4381, 78.2567

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.



69.6218, 69.8620, 87.6073



65.5809, 69.8620, 62.8516



64.6751, 69.8620, 90.2266

Square

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



65.5809, 69.8620, 62.8516



61.6106, 69.8620, 78.4529



67.2294, 69.8620, 91.0179



71.4350, 69.8620, 73.7316

Rectangle

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



65.5809, 69.8620, 62.8516



62.2015, 69.8620, 69.0619



67.2294, 69.8620, 91.0179



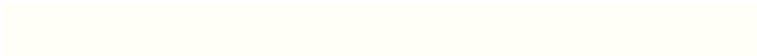
70.7869, 69.8620, 83.5322

Sweetspot

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



65.5828, 69.8651, 62.8531



93.3754, 98.5828, 102.3861



61.0829, 59.8953, 64.3439



19.8923, 21.0207, 21.5515



0.0000, 0.0000, 0.0000



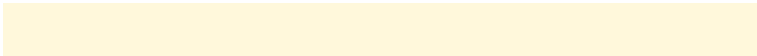
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5828, 69.8651, 62.8531



87.6764, 93.6115, 80.6729



64.5497, 71.2847, 63.1816



14.6363, 15.5585, 14.5385



27.5874, 28.6128, 4.0688



1.9704, 2.0997, 0.3014

Inverse Universe

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



57.4657, 59.4381, 78.2567



74.5935, 76.8061, 105.5013



58.4082, 58.2120, 77.9703



13.1641, 13.6674, 17.3319



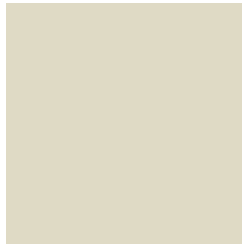
8.3981, 4.2657, 41.4291



0.6439, 0.4192, 2.8922

Previews

White Background



This preview shows how the XYZ color 65.5809, 69.8620, 62.8516 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 65.5809, 69.8620, 62.8516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

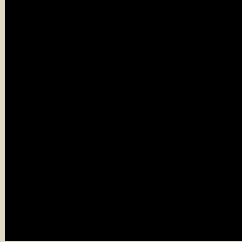
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

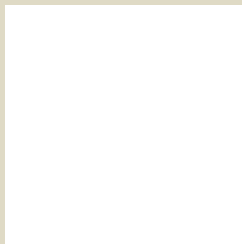
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5809, 69.8620, 62.8516

Background



This preview shows how black text looks on a background with the XYZ color 65.5809, 69.8620, 62.8516.



This preview shows how white text looks on a background with the XYZ color 65.5809, 69.8620,

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

65.5809, 69.8620, 62.8516

Protanopia

66.1407, 69.7800, 62.2074

Deuteranopia

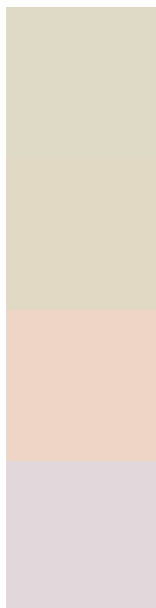
71.3614, 69.8095, 63.7463



Tritanopia

70.0721, 69.7957, 84.6416

Trichromacy



Original Color

65.5809, 69.8620, 62.8516

Protanomaly

65.8280, 69.6188, 62.1928

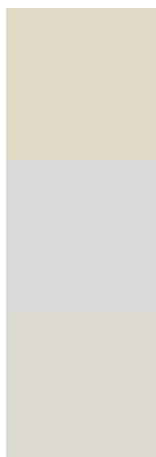
Deuteranomaly

69.2472, 69.8429, 63.2574

Tritanomaly

68.3194, 69.8316, 76.2077

Monochromacy



Original Color

65.5809, 69.8620, 62.8516

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6591, 69.3389, 70.8959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5809, 69.8620, 62.8516 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(223, 218, 197)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 197)  
}
```

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(223, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.5809, 69.8620, 62.8516 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(223, 218, 197) }
```


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

```
.border{ border-color:rgb(223, 218, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 197);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5809, 69.8620, 62.8516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 197) }
```

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

```
.background{ background-color: rgb(223,  
218, 197) }
```

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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