

Converting Colors

XYZ(65.0904, 69.8099, 53.7601)

Have a look what the booklet for
XYZ(65.0904, 69.8099, 53.7601)
contains.

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Color

**XYZ(65.0904, 69.8099,
53.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DAB5
RGB	227, 218, 181
RGB Percent	89%, 85%, 71%
CMY	0.1098, 0.1451, 0.2902
CMYK	0.00, 0.04, 0.20, 0.11
HSL	48°, 45%, 80%
HSV	48°, 20%, 89%
XYZ	65.0904, 69.8099, 53.7601
YIQ	216.4730, 17.2410, -9.5990

Conversions

Conversions Part 2

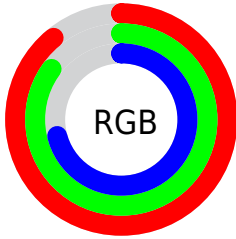
Format	Color
RYB	192, 227, 181
Decimal	14932661
CIELab	86.90, -2.83, 19.34
CIElCh	87, 19.551, 98.322
Yxy	69.8099, 0.3450, 0.3700
Android (android.graphics.Color)	4293122741 (0xFFE3DAB5)
YUV	216.4730, -17.4882, 9.2322
Hunter-Lab	83.5523, -7.1583, 20.3376

Details

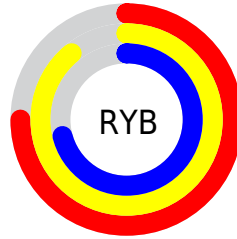
The XYZ color **65.0904, 69.8099, 53.7601** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3343, 52.1954, 80.0424**, and the grayscale version is **65.7018, 69.1234, 75.2754**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **33.7881, 36.4108, 25.6692** is the 20% darker color. If you saturate the color by 10%, you get **61.8134, 66.6842, 42.0975**, and if you desaturate by 10%, it is **68.7815, 73.1553, 67.4347**.

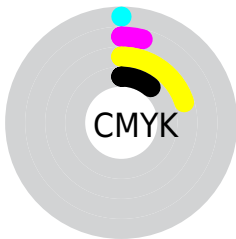
Distribution



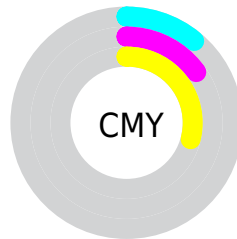
- Red (89%)
- Green (85%)
- Blue (71%)



- Red (75%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0904, 69.8099, 53.7601 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 65.0904, 69.8099, 53.7601 by changing the saturation by 10% instead.


 65.0904, 69.8099,
53.7601

 65.0904, 69.8099,
53.7601


432.6568,
459.8822, 418.3433

 47.7994, 51.3716,
38.0180


 111.2448,
118.9376, 97.1748

 33.8786, 36.5044,
25.6947


140.8389,
150.3958, 125.6844

 22.9628, 24.8240,
16.3717


175.2647,
186.9627, 159.2871

 14.6866, 15.9460,
9.6304

214.8875,
229.0228, 198.4012

 8.6846, 9.4859,
5.0522

260.0728,
276.9604, 243.4453

 4.5915, 5.0595,
2.2186

311.1859,

 2.0419, 2.2822,

331.1599, 294.8380

0.6851

368.5921,
392.0057, 352.9978

■ 0.6573, 0.7643,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0904, 69.8099,
53.7601

■ 65.0904, 69.8099,
53.7601

■ 61.8134, 66.6842,
42.0975

■ 68.7815, 73.1553,
67.4347

■ 58.9263, 63.7611,
32.3458

■ 72.8985, 76.7184,
83.2070

■ 56.4109, 61.0352,
24.4016

■ 77.4596, 80.5092,
101.1632

■ 54.2451, 58.4973,
18.1500

■ 79.6553, 83.4043,
106.5081

■ 52.4044, 56.1373,
13.4630

■ 80.9476, 85.9888,
106.9388

■ 50.8608, 53.9434,
10.1941

■ 82.2718, 88.6372,
107.3803

■ 49.5808, 51.9020,
8.1691

■ 83.6282, 91.3501,
107.8324

■ 48.5323, 50.0383,
7.1004

■ 85.0171, 94.1278,
108.2953

■ 85.4887, 95.0710,
108.4525

Harmonies

Analogous

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



69.6463, 69.8099, 54.9698



65.0904, 69.8099, 53.7601



61.0590, 69.8099, 57.9524

Triad

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



65.0904, 69.8099, 53.7601



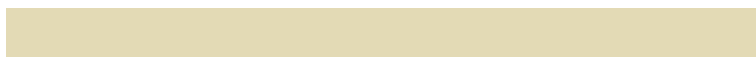
59.7040, 69.8099, 92.6814



74.8442, 69.8099, 85.6761

Complementary

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



65.0904, 69.8099, 53.7601



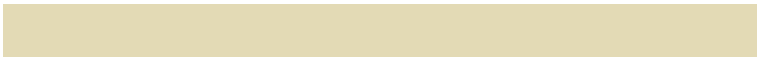
51.3343, 52.1954, 80.0424

Split Complementary

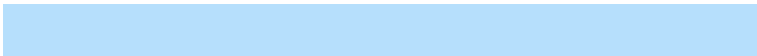
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9428, 69.8099, 97.4785



65.0904, 69.8099, 53.7601



63.1637, 69.8099, 101.8347

Square

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



65.0904, 69.8099, 53.7601



58.0437, 69.8099, 79.7063



67.6302, 69.8099, 103.6841



75.4180, 69.8099, 72.4319

Rectangle

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



65.0904, 69.8099, 53.7601



59.1620, 69.8099, 63.5641



67.6302, 69.8099, 103.6841



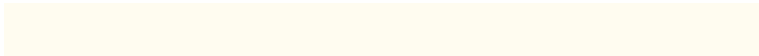
74.1026, 69.8099, 89.9854

Sweetspot

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



65.0922, 69.8130, 53.7616



91.7366, 97.1594, 96.1232



57.5192, 53.1060, 56.0497



19.5609, 20.7313, 20.2898



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.



65.0922, 69.8130, 53.7616



83.0156, 89.2669, 63.7761



63.3087, 72.4508, 54.3647



15.3496, 16.3131, 15.2442



28.3872, 29.3486, 4.1687



2.1591, 2.2916, 0.3285

Inverse Universe

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



51.3343, 52.1954, 80.0424



62.2621, 62.6934, 103.4272



52.8438, 50.1702, 79.5720



13.8098, 14.3411, 18.1846



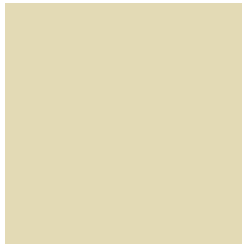
8.6844, 4.4309, 42.7807



0.7058, 0.4555, 3.1827

Previews

White Background



This preview shows how the XYZ color 65.0904, 69.8099, 53.7601 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 65.0904, 69.8099, 53.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

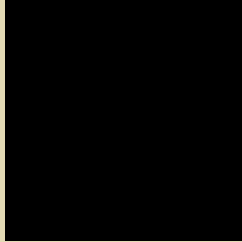
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

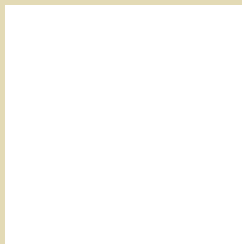
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0904, 69.8099, 53.7601

Background



This preview shows how black text looks on a background with the XYZ color 65.0904, 69.8099, 53.7601.



This preview shows how white text looks on a background with the XYZ color 65.0904, 69.8099,

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

65.0904, 69.8099, 53.7601

Protanopia

65.7865, 69.7849, 53.7186

Deuteranopia

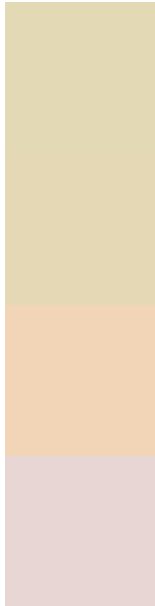
71.1314, 69.5291, 54.4712



Tritanopia

70.9021, 69.5136, 83.0793

Trichromacy



Original Color

65.0904, 69.8099, 53.7601

Protanomaly

65.4664, 69.6199, 53.7036

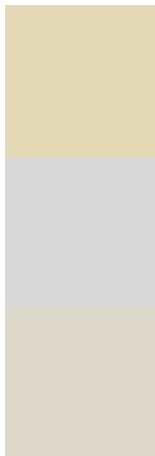
Deuteranomaly

68.6049, 69.3416, 54.0244

Tritanomaly

68.7594, 69.7852, 71.4739

Monochromacy



Original Color

65.0904, 69.8099, 53.7601

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1075, 69.1531, 66.4163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0904, 69.8099, 53.7601 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(227, 218, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 181)  
}
```

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(227, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.0904, 69.8099, 53.7601 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(227, 218, 181) }
```


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

```
.border{ border-color:rgb(227, 218, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 218, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0904, 69.8099, 53.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 181) }
```

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

```
.background{ background-color: rgb(227,  
218, 181) }
```

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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