

Converting Colors

XYZ(65.7593, 70.5922, 54.5111)

Have a look what the booklet for
XYZ(65.7593, 70.5922, 54.5111)
contains.

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Color

**XYZ(65.7699, 70.5344,
54.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DBB6
RGB	228, 219, 182
RGB Percent	89%, 86%, 71%
CMY	0.1059, 0.1412, 0.2863
CMYK	0.00, 0.04, 0.20, 0.11
HSL	48°, 46%, 80%
HSV	48°, 20%, 89%
XYZ	65.7699, 70.5344, 54.4040
YIQ	217.4730, 17.2410, -9.5990

Conversions

Conversions Part 2

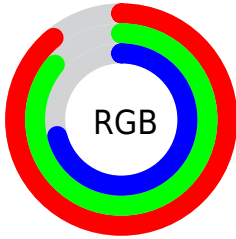
Format	Color
R _Y B	193, 228, 182
Decimal	14998454
CIE Lab	87.26, -2.83, 19.33
CIE LCh	87, 19.534, 98.332
Yxy	70.5344, 0.3449, 0.3699
Android (android.graphics.Color)	4293188534 (0xFFE4DBB6)
YUV	217.4730, -17.4882, 9.2322
Hunter-Lab	83.9848, -7.1869, 20.3822

Details

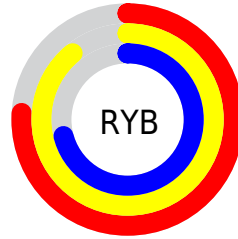
The XYZ color **65.7699, 70.5344, 54.4040** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.9255, 52.8069, 80.8551**, and the grayscale version is **66.3875, 69.8449, 76.0610**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **34.2512, 36.9066, 26.0873** is the 20% darker color. If you saturate the color by 10%, you get **62.4559, 67.3749, 42.6056**, and if you desaturate by 10%, it is **69.5025, 73.9160, 68.2363**.

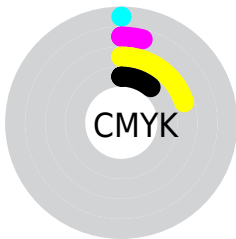
Distribution



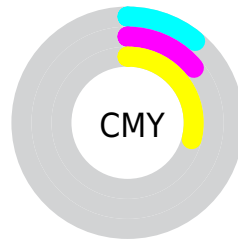
- Red (89%)
- Green (86%)
- Blue (71%)



- Red (76%)
- Yellow (89%)
- Blue (71%)



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





- Cyan (11%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7699, 70.5344, 54.4040 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 65.7699, 70.5344, 54.4040 by changing the saturation by 10% instead.

 65.7699, 70.5344,
54.4040

 65.7699, 70.5344,
54.4040


435.0551,
462.4242, 420.8668

 48.3527, 51.9623,
38.5294


 112.2156,
119.9705, 98.1295

 34.3187, 36.9750,
26.0888


141.9747,
151.6034, 126.8175

 23.3026, 25.1882,
16.6637


176.5785,
188.3586, 160.6138

 14.9390, 16.2173,
9.8356

216.3924,
230.6206, 199.9367

 8.8626, 9.6781,
5.1859

261.7816,
278.7737, 245.2050

 4.7081, 5.1860,
2.2961

313.1116,

 2.1100, 2.3568,

333.2025, 296.8370

0.7290

370.7476,
394.2911, 355.2515

■ 0.6946, 0.8035,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7699, 70.5344,
54.4040

■ 65.7699, 70.5344,
54.4040

■ 62.4559, 67.3749,
42.6056

■ 69.5025, 73.9160,
68.2363

■ 59.5361, 64.4201,
32.7389

■ 73.6655, 77.5176,
84.1892

■ 56.9921, 61.6648,
24.6996

■ 78.2775, 81.3494,
102.3496

■ 54.8016, 59.0995,
18.3717

■ 80.2828, 84.1895,
106.6266

■ 52.9398, 56.7140,
13.6257

■ 81.5886, 86.8012,
107.0619

■ 51.3783, 54.4965,
10.3140

■ 82.9268, 89.4774,
107.5079

■ 50.0836, 52.4332,
8.2604

■ 84.2974, 92.2188,
107.9648

■ 49.0145, 50.5330,
7.1705

■ 85.7009, 95.0257,
108.4326

■ 85.8051, 95.2341,
108.4673

Harmonies

Analogous

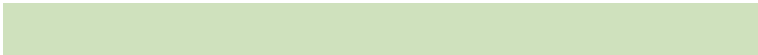
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3532, 70.5344, 55.6205



65.7699, 70.5344, 54.4040



61.7139, 70.5344, 58.6273

Triad

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



65.7699, 70.5344, 54.4040



60.3522, 70.5344, 93.5701



75.5833, 70.5344, 86.5175

Complementary

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



65.7699, 70.5344, 54.4040



51.9255, 52.8069, 80.8551

Split Complementary

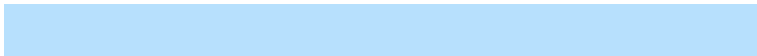
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6658, 70.5344, 98.3863



65.7699, 70.5344, 54.4040



63.8341, 70.5344, 102.7707

Square

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



65.7699, 70.5344, 54.4040



58.6807, 70.5344, 80.5216



68.3280, 70.5344, 104.6270



76.1595, 70.5344, 73.1948

Rectangle

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



65.7699, 70.5344, 54.4040



59.8053, 70.5344, 64.2777



68.3280, 70.5344, 104.6270



74.8377, 70.5344, 90.8513

Sweetspot

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



65.7718, 70.5375, 54.4055



91.7366, 97.1594, 96.1232



58.1496, 53.7212, 56.7110



19.5609, 20.7313, 20.2898



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

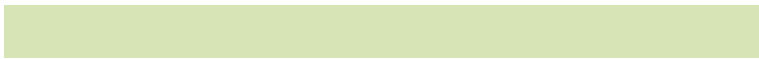
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7718, 70.5375, 54.4055



83.0155, 89.2668, 63.7761



63.9775, 73.1910, 55.0122



15.3496, 16.3131, 15.2442



28.3871, 29.3484, 4.1686



2.1591, 2.2916, 0.3285

Inverse Universe

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



51.9255, 52.8069, 80.8551



62.2622, 62.6936, 103.4272



53.4453, 50.7672, 80.3814



13.8098, 14.3411, 18.1846



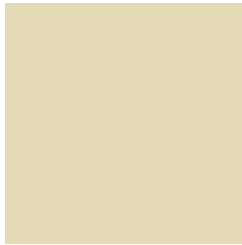
8.6844, 4.4309, 42.7807



0.7058, 0.4555, 3.1827

Previews

White Background



This preview shows how the XYZ color 65.7699, 70.5344, 54.4040 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 65.7699, 70.5344, 54.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

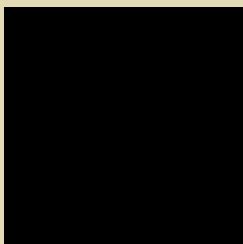
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

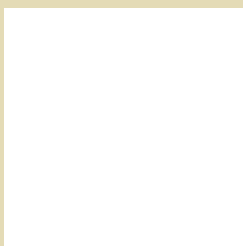
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7699, 70.5344, 54.4040

Background



This preview shows how black text looks on a background with the XYZ color 65.7699, 70.5344, 54.4040.

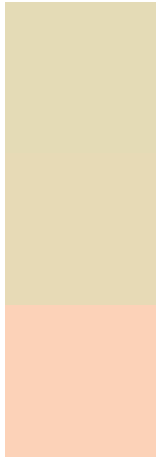


This preview shows how white text looks on a background with the XYZ color 65.7699, 70.5344,

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

65.7699, 70.5344, 54.4040

Protanopia

66.4699, 70.5091, 54.3623

Deuteranopia

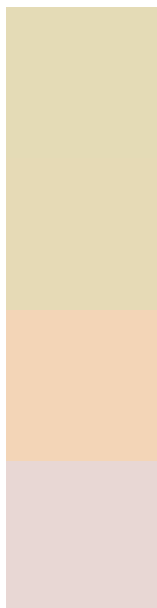
71.8432, 70.2493, 55.1203



Tritanopia

71.6180, 70.2365, 83.9111

Trichromacy



Original Color

65.7699, 70.5344, 54.4040

Protanomaly

66.1480, 70.3432, 54.3472

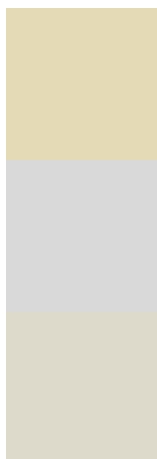
Deuteranomaly

69.3036, 70.0621, 54.6704

Tritanomaly

69.4628, 70.5101, 72.2361

Monochromacy



Original Color

65.7699, 70.5344, 54.4040

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7893, 69.8746, 67.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7699, 70.5344, 54.4040 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(228, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 182)  
}
```

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(228, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 182) }
```

Border

The CSS property to change the border of an element to XYZ 65.7699, 70.5344, 54.4040 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(228, 219, 182) }
```


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

```
.border{ border-color:rgb(228, 219, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7699, 70.5344, 54.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 182) }
```

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

```
.background{ background-color: rgb(228,  
219, 182) }
```

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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