

Converting Colors

XYZ(65.7414, 69.1933, 55.2172)

Have a look what the booklet for
XYZ(65.7414, 69.1933, 55.2172)
contains.

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Color

**XYZ(65.8407, 69.3954,
55.2719)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D8B8
RGB	230, 216, 184
RGB Percent	90%, 85%, 72%
CMY	0.0980, 0.1529, 0.2784
CMYK	0.00, 0.06, 0.20, 0.10
HSL	42°, 48%, 81%
HSV	42°, 20%, 90%
XYZ	65.8407, 69.3954, 55.2719
YIQ	216.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

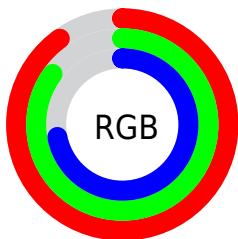
Format	Color
R_{YB}	204, 230, 184
Decimal	15128760
CIE _{Lab}	86.70, -0.26, 17.52
CIE _{LCh}	87, 17.527, 90.860
Yxy	69.3954, 0.3456, 0.3643
Android (android.graphics.Color)	4293318840 (0xFFE6D8B8)
YUV	216.5380, -16.0412, 11.8062
Hunter-Lab	83.3039, -4.7012, 18.9740

Details

The XYZ color **65.8407, 69.3954, 55.2719** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.2439, 56.2904, 82.8695**, and the grayscale version is **65.7360, 69.1594, 75.3146**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **34.2972, 36.1271, 26.6383** is the 20% darker color. If you saturate the color by 10%, you get **61.8689, 65.0013, 43.0047**, and if you desaturate by 10%, it is **70.2846, 74.1053, 69.6320**.

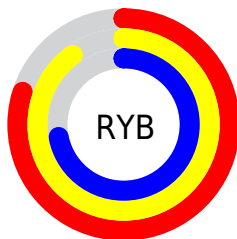
Distribution



Red (90%)

Green (85%)

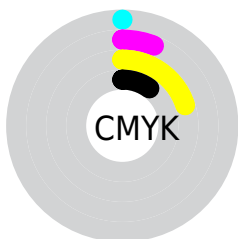
Blue (72%)



Red (80%)

Yellow (90%)

Blue (72%)

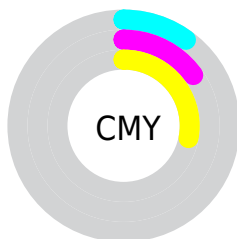


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (10%)



Cyan (10%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8407, 69.3954, 55.2719 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 65.8407, 69.3954, 55.2719 by changing the saturation by 10% instead.


 65.8407, 69.3954,
55.2719

 65.8407, 69.3954,
55.2719


435.3046,
458.4243, 424.2527

 48.4103, 51.0338,
39.2194


 112.3167,
118.3461, 99.4144

 34.3645, 36.2355,
26.6213


142.0930,
149.7041, 128.3414

 23.3380, 24.6161,
17.0591


176.7153,
186.1629, 162.3970

 14.9654, 15.7913,
10.1142

216.5490,
228.1070, 201.9997

 8.8812, 9.3766,
5.3682

261.9594,
275.9208, 247.5681

 4.7203, 4.9876,
2.4024

313.3119,

 2.1172, 2.2400,

329.9887, 299.5207

0.7877

370.9718,
390.6951, 358.2761

■ 0.6985, 0.7417,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8407, 69.3954,
55.2719

■ 65.8407, 69.3954,
55.2719

■ 61.8689, 65.0013,
43.0047

■ 70.2846, 74.1053,
69.6320

■ 58.3438, 60.9041,
32.7260

■ 75.2136, 79.1305,
86.1738

■ 55.2459, 57.0969,
24.3292

■ 80.6470, 84.4826,
104.9864

■ 52.5516, 53.5688,
17.6956

■ 83.0328, 88.7421,
107.3604

■ 50.2350, 50.3077,
12.6932

■ 85.1785, 93.0336,
108.0756

■ 48.2664, 47.3002,
9.1709

■ 86.4433, 95.5631,
108.4972

■ 46.6108, 44.5306,
6.9493

■ 45.2084, 41.9733,
5.7190

■ 45.2083, 41.9731,
5.7189

Harmonies

Analogous

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



69.8473, 69.3954, 57.6075



65.8407, 69.3954, 55.2719



62.0206, 69.3954, 57.8891

Triad

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



65.8407, 69.3954, 55.2719



59.4589, 69.3954, 87.6633



73.0406, 69.3954, 87.0207

Complementary

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



65.8407, 69.3954, 55.2719



54.2439, 56.2904, 82.8695

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.



70.0591, 69.3954, 96.5037



65.8407, 69.3954, 55.2719



62.2163, 69.3954, 96.9008

Square

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



65.8407, 69.3954, 55.2719



58.4306, 69.3954, 75.8971



66.0759, 69.3954, 100.2886



74.1062, 69.3954, 75.2235

Rectangle

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



65.8407, 69.3954, 55.2719



60.0664, 69.3954, 62.2633



66.0759, 69.3954, 100.2886



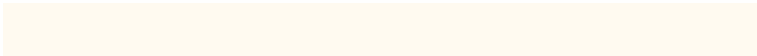
72.2233, 69.3954, 90.6261

Sweetspot

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



65.8425, 69.3985, 55.2734



91.2166, 96.1193, 95.9499



60.0329, 55.2083, 61.2625



19.4377, 20.4850, 20.2488



0.0000, 0.0000, 0.0000



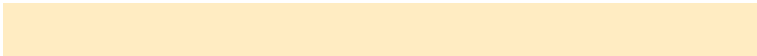
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8425, 69.3985, 55.2734



81.0602, 85.3562, 63.1243



66.9407, 75.5161, 56.3963



15.2121, 16.0382, 15.1984



25.7068, 23.9878, 3.2752



1.9806, 1.9345, 0.2690

Inverse Universe

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



54.2439, 56.2904, 82.8695



63.8954, 65.9600, 103.9716



53.2724, 51.2583, 81.9494



13.9386, 14.5986, 18.2275



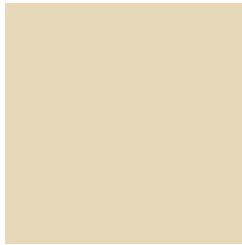
9.4197, 5.9015, 43.0258



0.7758, 0.5954, 3.2060

Previews

White Background



This preview shows how the XYZ color 65.8407, 69.3954, 55.2719 looks on a white background.

Color Contrast Check

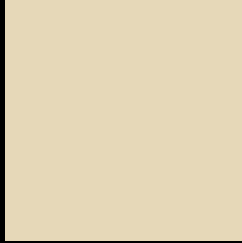
Large Text (above 18pt) WCAG AA × Fail

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 65.8407, 69.3954, 55.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

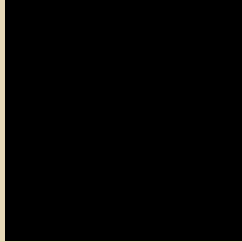
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

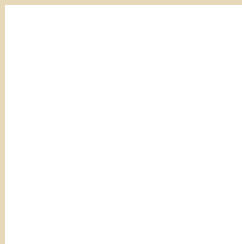
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8407, 69.3954, 55.2719

Background



This preview shows how black text looks on a background with the XYZ color 65.8407, 69.3954, 55.2719.

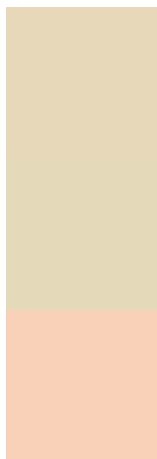


This preview shows how white text looks on a background with the XYZ color 65.8407, 69.3954,

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

65.8407, 69.3954, 55.2719

Protanopia

65.4595, 69.5804, 55.3277

Deuteranopia

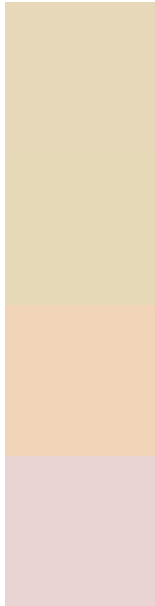
70.6243, 69.2434, 55.5420



Tritanopia

71.0350, 69.2463, 81.5734

Trichromacy



Original Color

65.8407, 69.3954, 55.2719

Protanomaly

65.7777, 69.7444, 55.3426

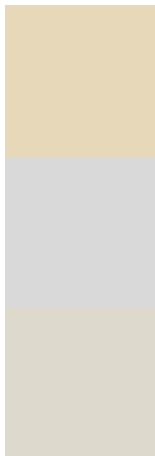
Deuteranomaly

68.9184, 69.4670, 55.6750

Tritanomaly

68.9056, 69.1138, 71.3366

Monochromacy



Original Color

65.8407, 69.3954, 55.2719

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.9565, 69.5631, 67.7083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8407, 69.3954, 55.2719 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(230, 216, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 184)  
}
```

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(230, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 184) }
```

Border

The CSS property to change the border of an element to XYZ 65.8407, 69.3954, 55.2719 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(230, 216, 184) }
```


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

```
.border{ border-color:rgb(230, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 216, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 216, 184);  
box-shadow:4px 4px 4px 4px rgb(230, 216,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8407, 69.3954, 55.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 184) }
```

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

```
.background{ background-color: rgb(230,  
216, 184) }
```

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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