

Converting Colors

XYZ(69.5648, 74.9111, 55.1144)

Have a look what the booklet for
XYZ(69.5648, 74.9111, 55.1144)
contains.

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Color

**XYZ(69.6297, 74.8900,
55.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE1B6
RGB	235, 225, 182
RGB Percent	92%, 88%, 71%
CMY	0.0784, 0.1176, 0.2863
CMYK	0.00, 0.04, 0.23, 0.08
HSL	49°, 57%, 82%
HSV	49°, 23%, 92%
XYZ	69.6297, 74.8900, 55.0413
YIQ	223.0880, 19.7630, -11.2530

Conversions

Conversions Part 2

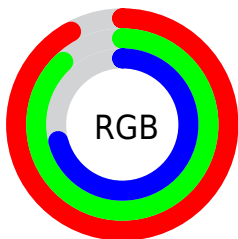
Format	Color
R _Y B	194, 235, 182
Decimal	15458742
CIE Lab	89.34, -3.32, 22.30
CIE LCh	89, 22.548, 98.473
Yxy	74.8900, 0.3489, 0.3753
Android (android.graphics.Color)	4293648822 (0xFFEBE1B6)
YUV	223.0880, -20.2564, 10.4468
Hunter-Lab	86.5390, -7.8213, 22.8672

Details

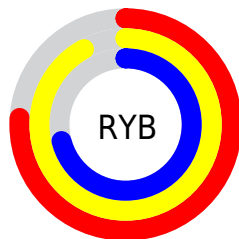
The XYZ color **69.6297, 74.8900, 55.0413** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1362, 53.6413, 86.1510**, and the grayscale version is **70.3330, 73.9958, 80.5815**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **36.9276, 39.9181, 26.5276** is the 20% darker color. If you saturate the color by 10%, you get **66.2202, 71.6365, 42.9117**, and if you desaturate by 10%, it is **73.4819, 78.3755, 69.3309**.

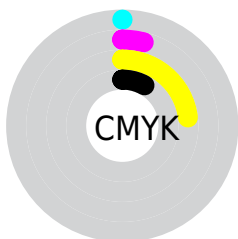
Distribution



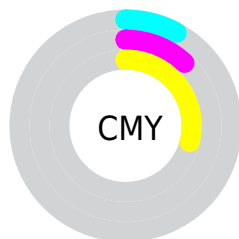
- Red (92%)
- Green (88%)
- Blue (71%)



- Red (76%)
- Yellow (92%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6297, 74.8900, 55.0413 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 69.6297, 74.8900, 55.0413 by changing the saturation by 10% instead.

69.6297, 74.8900,
55.0413

69.6297, 74.8900,
55.0413

448.5355,
477.5394, 423.3548

51.5032, 55.5228,
39.0360

117.7097,
126.1566, 99.0732

36.8319, 39.8204,
26.4797

148.3939,
158.8248, 127.9369

25.2505, 27.3986,
16.9538

183.9947,
196.6955, 161.9237

16.3935, 17.8728,
10.0400

224.8775,
240.1530, 201.4523

9.8956, 10.8587,
5.3195

271.4076,
289.5818, 246.9412

5.3915, 5.9719,
2.3739

323.9504,

2.5159, 2.8280,

345.3661, 298.8089

0.7722

382.8712,
407.8906, 357.4739

■ 0.9033, 1.0426,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6297, 74.8900,
55.0413

■ 69.6297, 74.8900,
55.0413

■ 66.2202, 71.6365,
42.9117

■ 73.4819, 78.3755,
69.3309

■ 63.2268, 68.5963,
32.8303

■ 77.7900, 82.0908,
85.8754

■ 60.6293, 65.7635,
24.6823

■ 82.5738, 86.0470,
104.7698

■ 58.4031, 63.1278,
18.3396

■ 84.2819, 88.8237,
107.3103

■ 56.5208, 60.6778,
13.6587

■ 85.6223, 91.5046,
107.7571

■ 54.9506, 58.4007,
10.4742

■ 86.9950, 94.2499,
108.2147

■ 53.6544, 56.2806,
8.5865

■ 88.0712, 96.4023,
108.5734

■ 52.8229, 54.7858,
7.7906

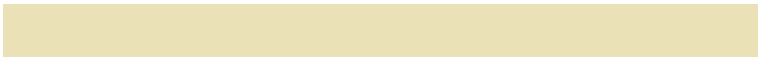
Harmonies

Analogous

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



75.1433, 74.8900, 56.4280



69.6297, 74.8900, 55.0413



64.7850, 74.8900, 60.0016

Triad

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



69.6297, 74.8900, 55.0413



63.1970, 74.8900, 101.9339



81.5081, 74.8900, 93.2021

Complementary

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



69.6297, 74.8900, 55.0413



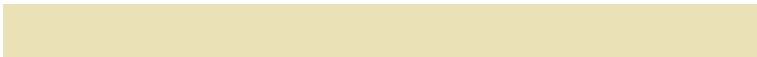
53.1362, 53.6413, 86.1510

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.



77.9840, 74.8900, 107.7055



69.6297, 74.8900, 55.0413



67.3599, 74.8900, 113.1825

Square

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



69.6297, 74.8900, 55.0413



61.1988, 74.8900, 86.0994



72.7546, 74.8900, 115.4208



82.1930, 74.8900, 77.1492

Rectangle

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



69.6297, 74.8900, 55.0413



62.5188, 74.8900, 66.6703



72.7546, 74.8900, 115.4208



80.6078, 74.8900, 98.4766

Sweetspot

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



69.6317, 74.8934, 55.0429



91.2435, 96.7742, 94.1060



60.5707, 54.9515, 57.6337



19.4624, 20.6555, 19.8834



0.0000, 0.0000, 0.0000



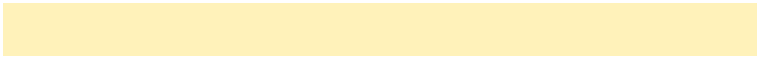
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6317, 74.8934, 55.0429



81.8758, 88.3253, 59.2712



67.3960, 77.8703, 55.7353



16.0965, 17.1159, 15.9741



29.4870, 30.6682, 4.3654



2.3777, 2.5326, 0.3635

Inverse Universe

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



53.1362, 53.6413, 86.1510



58.7905, 58.5865, 102.8175



54.9866, 51.4473, 85.6300



14.4610, 15.0085, 19.0570



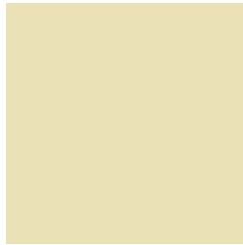
8.9218, 4.4905, 44.1395



0.7649, 0.4814, 3.4875

Previews

White Background



This preview shows how the XYZ color 69.6297, 74.8900, 55.0413 looks on a white background.

Color Contrast Check

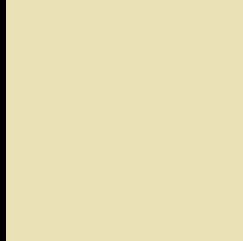
Large Text (above 18pt) WCAG AA × Fail

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 69.6297, 74.8900, 55.0413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

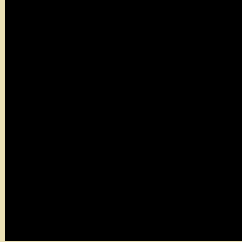
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6297, 74.8900, 55.0413

Background



This preview shows how black text looks on a background with the XYZ color 69.6297, 74.8900, 55.0413.

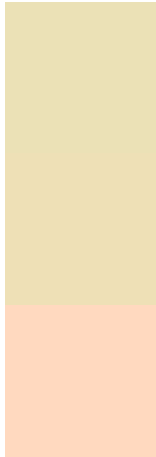


This preview shows how white text looks on a background with the XYZ color 69.6297, 74.8900,

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

69.6297, 74.8900, 55.0413

Protanopia

70.3590, 74.8659, 54.9982

Deuteranopia

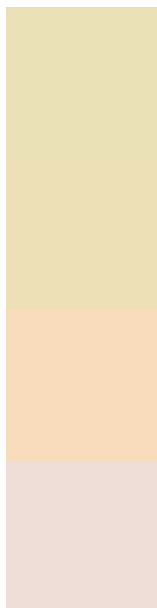
75.4568, 74.6473, 59.7216



Tritanopia

76.6847, 75.0182, 89.0355

Trichromacy



Original Color

69.6297, 74.8900, 55.0413

Protanomaly

70.0242, 74.6932, 54.9825

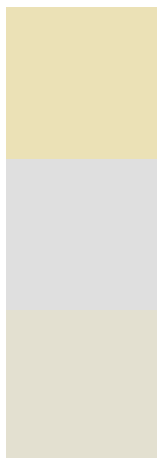
Deuteranomaly

73.3817, 74.7737, 58.1421

Tritanomaly

73.8477, 75.0215, 75.5541

Monochromacy



Original Color

69.6297, 74.8900, 55.0413

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.7194, 74.1963, 70.3212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6297, 74.8900, 55.0413 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(235, 225, 182)` looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 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(235, 225, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 182) }
```

Border

The CSS property to change the border of an element to XYZ 69.6297, 74.8900, 55.0413 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(235, 225, 182) }
```


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

```
.border{ border-color:rgb(235, 225, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 225, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 225, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 225, 182); box-shadow:4px 4px 4px 4px rgb(235, 225, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6297, 74.8900, 55.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 182) }
```

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

```
.background{ background-color: rgb(235,  
225, 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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