

Converting Colors

XYZ(67.3531, 72.8942, 55.8689)

Have a look what the booklet for
XYZ(67.3531, 72.8942, 55.8689)
contains.

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Color

**XYZ(67.3525, 72.8941,
55.8675)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DFB8
RGB	229, 223, 184
RGB Percent	90%, 87%, 72%
CMY	0.1020, 0.1255, 0.2784
CMYK	0.00, 0.03, 0.20, 0.10
HSL	52°, 46%, 81%
HSV	52°, 20%, 90%
XYZ	67.3525, 72.8941, 55.8675
YIQ	220.3480, 16.0950, -10.8570

Conversions

Conversions Part 2

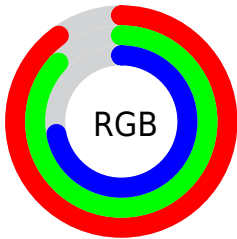
Format	Color
R _Y B	191, 229, 184
Decimal	15065016
CIE Lab	88.40, -4.22, 19.88
CIE LCh	88, 20.324, 101.985
Yxy	72.8941, 0.3434, 0.3717
Android (android.graphics.Color)	4293255096 (0xFFE5DFB8)
YUV	220.3480, -17.9196, 7.5878
Hunter-Lab	85.3780, -8.5976, 20.9680

Details

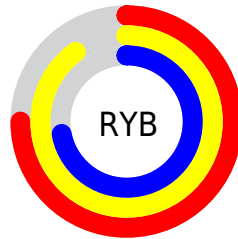
The XYZ color **67.3525, 72.8941, 55.8675** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.3232, 52.6731, 81.5383**, and the grayscale version is **68.3857, 71.9470, 78.3503**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **35.3329, 38.5282, 27.0472** is the 20% darker color. If you saturate the color by 10%, you get **64.3367, 70.3978, 43.9625**, and if you desaturate by 10%, it is **70.7755, 75.5818, 69.8271**.

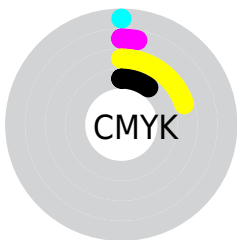
Distribution



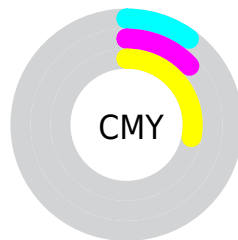
- Red (90%)
- Green (87%)
- Blue (72%)



- Red (75%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3525, 72.8941, 55.8675 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 67.3525, 72.8941, 55.8675 by changing the saturation by 10% instead.

67.3525, 72.8941,
55.8675

67.3525, 72.8941,
55.8675

440.6112,
470.6477, 426.5662

49.6429, 53.8894,
39.6934

114.4724,
123.3269, 100.2947

35.3464, 38.5132,
26.9876

144.6134,
155.5237, 129.3849

24.0976, 26.3813,
17.3316

179.6288,
192.8867, 163.6175

15.5311, 17.1091,
10.3067

219.8842,
235.8002, 203.4111

9.2817, 10.3123,
5.4945

265.7447,
284.6487, 249.1842

4.9840, 5.6065,
2.4765

317.5759,

2.2725, 2.6073,

339.8165, 301.3555

0.8277

375.7429,
401.6880, 360.3433

0.7806, 0.9303,
0.0000

0.0000, 0.0000,
0.0000

67.3525, 72.8941,
55.8675

67.3525, 72.8941,
55.8675

64.3367, 70.3978,
43.9625

70.7755, 75.5818,
69.8271

61.7036, 68.0754,
34.0091

74.6174, 78.4581,
85.9283

59.4347, 65.9220,
25.9025

78.8965, 81.5332,
104.2590

57.5080, 63.9286,
19.5260

80.1314, 83.4143,
106.4849

■ 55.8986, 62.0851,
14.7497

■ 81.0134, 85.1783,
106.7789

■ 54.5784, 60.3802,
11.4253

■ 81.9104, 86.9724,
107.0780

■ 53.5138, 58.8002,
9.3771

■ 82.8226, 88.7968,
107.3820

■ 52.6492, 57.3230,
8.3125

■ 83.7500, 90.6516,
107.6912

■ 52.6203, 57.2722,
8.2813

■ 84.6927, 92.5369,
108.0054

Harmonies

Analogous

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



72.2277, 72.8941, 56.4488



67.3525, 72.8941, 55.8675



63.1917, 72.8941, 61.0149

Triad

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



67.3525, 72.8941, 55.8675



62.5372, 72.8941, 98.7467



78.6001, 72.8941, 87.9780

Complementary

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



67.3525, 72.8941, 55.8675



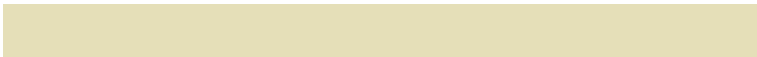
52.3232, 52.6731, 81.5383

Split Complementary

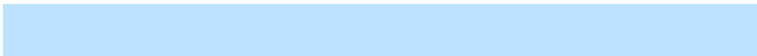
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7551, 72.8941, 101.0783



67.3525, 72.8941, 55.8675



66.4207, 72.8941, 107.7806

Square

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



67.3525, 72.8941, 55.8675



60.5003, 72.8941, 85.0841



71.2514, 72.8941, 108.6808



78.8785, 72.8941, 73.9163

Rectangle

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



67.3525, 72.8941, 55.8675



61.3220, 72.8941, 67.3988



71.2514, 72.8941, 108.6808



77.9062, 72.8941, 92.6793

Sweetspot

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



67.3544, 72.8973, 55.8690



92.0368, 97.7599, 96.2233



58.7486, 54.6576, 56.1697



19.6320, 20.8736, 20.3135



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.



67.3544, 72.8973, 55.8690



84.1692, 91.5741, 64.1606



63.9674, 73.5713, 56.1776



15.4293, 16.4724, 15.2707



30.1499, 32.8740, 4.7562



2.2736, 2.5205, 0.3667

Inverse Universe

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



52.3232, 52.6731, 81.5383



61.3563, 60.8819, 103.1253



55.2373, 52.2874, 81.3103



13.7369, 14.1951, 18.1603



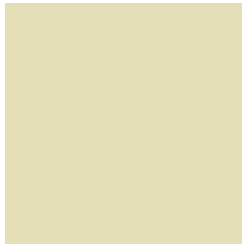
8.4083, 3.8787, 42.6887



0.6713, 0.3865, 3.1712

Previews

White Background



This preview shows how the XYZ color 67.3525, 72.8941, 55.8675 looks on a white background.

Color Contrast Check

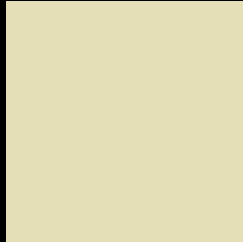
Large Text (above 18pt) WCAG AA × Fail

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 67.3525, 72.8941, 55.8675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

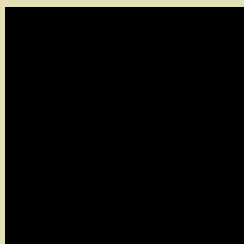
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

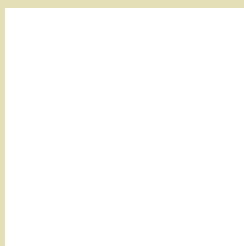
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3525, 72.8941, 55.8675

Background



This preview shows how black text looks on a background with the XYZ color 67.3525, 72.8941, 55.8675.



This preview shows how white text looks on a background with the XYZ color 67.3525, 72.8941,

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

67.3525, 72.8941, 55.8675

Protanopia

68.3354, 72.6242, 55.2160

Deuteranopia

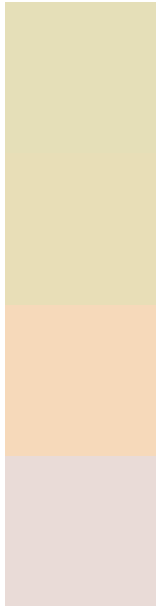
74.2562, 72.9410, 57.1790



Tritanopia

73.5248, 72.6571, 87.2398

Trichromacy



Original Color

67.3525, 72.8941, 55.8675

Protanomaly

67.9472, 72.8173, 55.2737

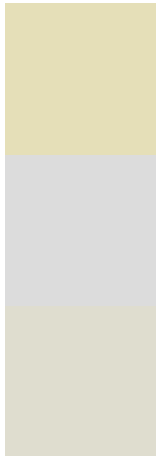
Deuteranomaly

71.6818, 72.7637, 56.7211

Tritanomaly

71.2015, 72.8930, 74.6070

Monochromacy



Original Color

67.3525, 72.8941, 55.8675

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.5504, 71.9059, 69.3504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3525, 72.8941, 55.8675 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(229, 223, 184)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 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(229, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 184) }
```

Border

The CSS property to change the border of an element to XYZ 67.3525, 72.8941, 55.8675 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(229, 223, 184) }
```


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

```
.border{ border-color:rgb(229, 223, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 184);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3525, 72.8941, 55.8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 184) }
```

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

```
.background{ background-color: rgb(229,  
223, 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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