

Converting Colors

XYZ(69.1256, 72.7114, 51.9864)

Have a look what the booklet for
XYZ(69.1256, 72.7114, 51.9864)
contains.

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Color

**XYZ(69.1256, 72.7114,
51.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDCB1
RGB	239, 220, 177
RGB Percent	94%, 86%, 69%
CMY	0.0627, 0.1372, 0.3059
CMYK	0.00, 0.08, 0.26, 0.06
HSL	42°, 66%, 82%
HSV	42°, 26%, 94%
XYZ	69.1256, 72.7114, 51.9864
YIQ	220.7790, 25.1270, -9.3450

Conversions

Conversions Part 2

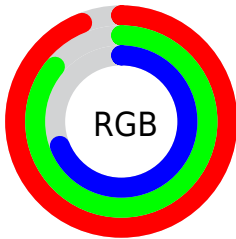
Format	Color
R_{YB}	204, 239, 177
Decimal	15719601
CIE _{Lab}	88.31, 0.03, 23.53
CIE _{LCh}	88, 23.528, 89.918
Yxy	72.7114, 0.3566, 0.3751
Android (android.graphics.Color)	4293909681 (0xFFEFD _{CB} 1)
YUV	220.7790, -21.5830, 15.9798
Hunter-Lab	85.2710, -4.5218, 23.5429

Details

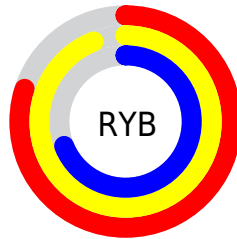
The XYZ color **69.1256, 72.7114, 51.9864** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.4511, 55.0576, 89.4717**, and the grayscale version is **68.7080, 72.2862, 78.7197**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **36.3846, 38.3106, 24.5458** is the 20% darker color. If you saturate the color by 10%, you get **65.0697, 68.0836, 39.8930**, and if you desaturate by 10%, it is **73.6868, 77.6811, 66.3082**.

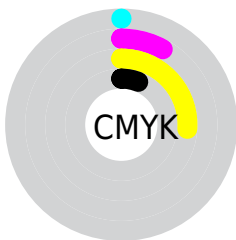
Distribution



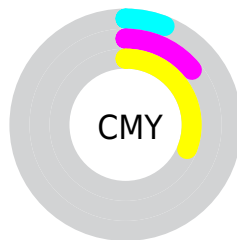
- Red (94%)
- Green (86%)
- Blue (69%)



- Red (80%)
- Yellow (94%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1256, 72.7114, 51.9864 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 69.1256, 72.7114, 51.9864 by changing the saturation by 10% instead.

69.1256, 72.7114,
51.9864

69.1256, 72.7114,
51.9864

446.7883,
470.0140, 411.3396

51.0910, 53.7400,
36.6121

116.9940,
123.0674, 94.5376

36.5024, 38.3938,
24.6138

147.5586,
155.2208, 122.5515

24.9944, 26.2885,
15.5732

183.0305,
192.5371, 155.6156

16.2016, 17.0396,
9.0716

223.7752,
235.4005, 194.1486

9.7586, 10.2627,
4.6904

270.1580,
284.1955, 238.5690

5.3003, 5.5735,
2.0113

322.5442,

2.4610, 2.5875,

339.3065, 289.2952

0.5622

381.2991,
401.1178, 346.7459

■ 0.8757, 0.9204,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1256, 72.7114,
51.9864

■ 69.1256, 72.7114,
51.9864

■ 65.0697, 68.0836,
39.8930

■ 73.6868, 77.6811,
66.3082

■ 61.4905, 63.7769,
29.9086

■ 78.7687, 82.9929,
82.9603

■ 58.3651, 59.7830,
21.9092

■ 84.3932, 88.6598,
102.0441

■ 55.6662, 56.0891,
15.7562

■ 87.6137, 93.5046,
108.0382

■ 53.3628, 52.6812,
11.2928

■ 89.4067, 97.0908,
108.6359

■ 51.4193, 49.5430,
8.3361

■ 49.7914, 46.6551,
6.6596

■ 49.1926, 45.5425,
6.1979

Harmonies

Analogous

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



74.6920, 72.7114, 55.2127



69.1256, 72.7114, 51.9864



63.8389, 72.7114, 55.1776

Triad

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



69.1256, 72.7114, 51.9864



60.1265, 72.7114, 95.7006



78.9295, 72.7114, 95.7884

Complementary

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



69.1256, 72.7114, 51.9864



53.4511, 55.0576, 89.4717

Split Complementary

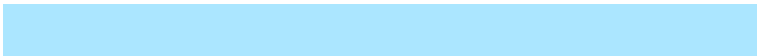
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6636, 72.7114, 109.2705



69.1256, 72.7114, 51.9864



63.8133, 72.7114, 109.2151

Square

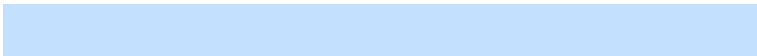
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1256, 72.7114, 51.9864



58.8186, 72.7114, 79.1257



69.0944, 72.7114, 114.4839



80.5369, 72.7114, 79.2150

Rectangle

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



69.1256, 72.7114, 51.9864



61.1369, 72.7114, 60.8017



69.0944, 72.7114, 114.4839



77.7478, 72.7114, 100.9095

Sweetspot

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



69.1275, 72.7147, 51.9879



89.9761, 94.8320, 91.8568



61.3555, 53.8103, 59.7568



19.0640, 20.0963, 19.0185



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.



69.1275, 72.7147, 51.9879



77.5863, 81.4222, 52.6752



70.6815, 81.3418, 53.5712



16.6905, 17.5941, 16.6660



27.3062, 25.4104, 3.4655



2.3591, 2.2889, 0.3175

Inverse Universe

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



53.4511, 55.0576, 89.4717



56.6365, 57.8310, 102.7852



52.1325, 48.4153, 88.2591



15.2922, 16.0185, 20.0075



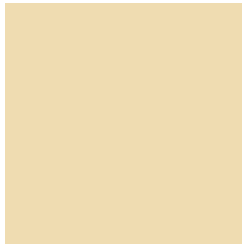
10.0361, 6.2965, 45.8143



0.9196, 0.6932, 3.8396

Previews

White Background



This preview shows how the XYZ color 69.1256, 72.7114, 51.9864 looks on a white background.

Color Contrast Check

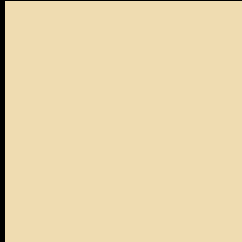
Large Text (above 18pt) WCAG AA × Fail

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 69.1256, 72.7114, 51.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

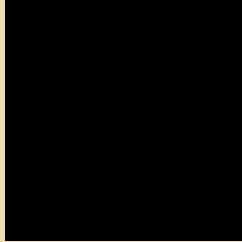
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1256, 72.7114, 51.9864

Background



This preview shows how black text looks on a background with the XYZ color 69.1256, 72.7114, 51.9864.



This preview shows how white text looks on a background with the XYZ color 69.1256, 72.7114,

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

69.1256, 72.7114, 51.9864

Protanopia

68.1533, 72.5894, 52.5386

Deuteranopia

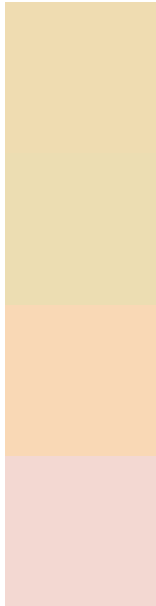
73.8338, 72.7720, 54.9547



Tritanopia

75.5933, 72.6581, 84.1690

Trichromacy



Original Color

69.1256, 72.7114, 51.9864

Protanomaly

68.4844, 72.7601, 52.5541

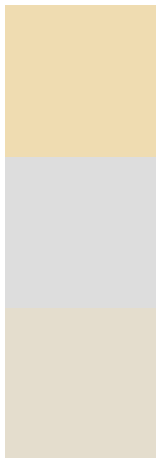
Deuteranomaly

71.9633, 72.5877, 53.9340

Tritanomaly

73.1509, 72.8196, 71.1729

Monochromacy



Original Color

69.1256, 72.7114, 51.9864

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8708, 72.6147, 68.1438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1256, 72.7114, 51.9864 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(239, 220, 177)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 177)  
}
```

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(239, 220, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 177) }
```

Border

The CSS property to change the border of an element to XYZ 69.1256, 72.7114, 51.9864 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(239, 220, 177) }
```


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

```
.border{ border-color:rgb(239, 220, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 177);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1256, 72.7114, 51.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 177) }
```

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

```
.background{ background-color: rgb(239,  
220, 177) }
```

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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