

Converting Colors

XYZ(66.6721, 71.7097, 35.8273)

Have a look what the booklet for
XYZ(66.6721, 71.7097, 35.8273)
contains.

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Color

**XYZ(66.7513, 71.8402,
35.9396)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DC8E
RGB	241, 220, 142
RGB Percent	95%, 86%, 56%
CMY	0.0549, 0.1372, 0.4431
CMYK	0.00, 0.09, 0.41, 0.05
HSL	47°, 78%, 75%
HSV	47°, 41%, 95%
XYZ	66.7513, 71.8402, 35.9396
YIQ	217.3870, 37.5540, -19.8060

Conversions

Conversions Part 2

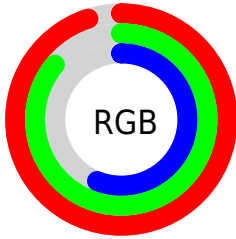
Format	Color
R _{YB}	169, 241, 142
Decimal	15850638
CIE _{Lab}	87.89, -3.37, 40.90
CIE _{LCh}	88, 41.043, 94.712
Y _{xy}	71.8402, 0.3825, 0.4116
Android (android.graphics.Color)	4294040718 (0xFFFF1DC8E)
YUV	217.3870, -37.1658, 20.7086
Hunter-Lab	84.7586, -7.7506, 34.1907

Details

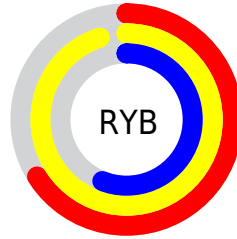
The XYZ color **66.7513, 71.8402, 35.9396** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **40.1294, 38.2948, 88.4955**, and the grayscale version is **66.4496, 69.9102, 76.1322**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **34.8290, 37.7157, 15.1170** is the 20% darker color. If you saturate the color by 10%, you get **63.8136, 68.5542, 26.9781**, and if you desaturate by 10%, it is **70.1247, 75.3714, 46.9778**.

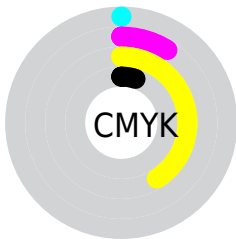
Distribution



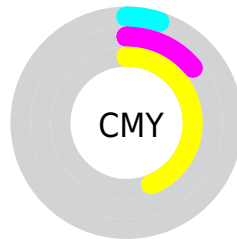
- Red (95%)
- Green (86%)
- Blue (56%)



- Red (66%)
- Yellow (95%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7513, 71.8402, 35.9396 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 66.7513, 71.8402, 35.9396 by changing the saturation by 10% instead.

66.7513, 71.8402,
35.9396

66.7513, 71.8402,
35.9396

438.5054,
466.9852, 343.7259

49.1525, 53.0281,
24.0982

113.6157,
121.8293, 70.1068

34.9555, 37.8252,
15.1936

143.6121,
153.7752, 93.2698

23.7950, 25.8471,
8.8073

178.4717,
190.8677, 121.0436

15.3055, 16.7093,
4.5206

218.5598,
233.4914, 153.8470

9.1218, 10.0274,
1.9151

264.2419,
282.0306, 192.0983

4.8784, 5.4171,
0.5023

315.8833,

2.2101, 2.4940,

336.8697, 236.2162

0.0000

373.8494,
398.3931, 286.6192

■ 0.7481, 0.8737,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7513, 71.8402,
35.9396

■ 66.7513, 71.8402,
35.9396

■ 63.8136, 68.5542,
26.9781

■ 70.1247, 75.3714,
46.9778

■ 61.2806, 65.4925,
19.9547


■ 73.9522, 79.1477,
60.2106


■ 59.1252, 62.6462,
14.7209


■ 78.2571, 83.1818,
75.7521


■ 57.3143, 60.0016,
11.1046


■ 83.0598, 87.4823,
93.7073

 55.8084, 57.5423,
8.8995

 87.1475, 91.5646,
107.6883

 54.6659, 55.4814,
7.8278

 88.7198, 94.7092,
108.2124

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



76.6201, 71.8402, 38.9815



66.7513, 71.8402, 35.9396



58.1389, 71.8402, 41.8242

Triad

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



66.7513, 71.8402, 35.9396



53.9821, 71.8402, 113.0098



86.7032, 71.8402, 103.5122

Complementary

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



66.7513, 71.8402, 35.9396



40.1294, 38.2948, 88.4955

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.



79.5410, 71.8402, 131.2698



66.7513, 71.8402, 35.9396



60.5718, 71.8402, 137.6066

Square

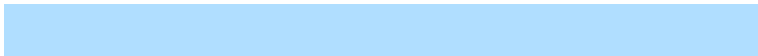
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7513, 71.8402, 35.9396



51.2277, 71.8402, 82.7223



69.8358, 71.8402, 144.9785



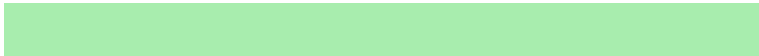
88.7545, 71.8402, 73.8875

Rectangle

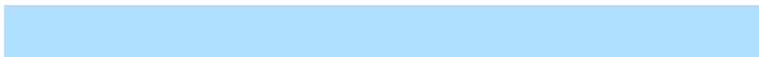
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7513, 71.8402, 35.9396



54.0748, 71.8402, 51.0898



69.8358, 71.8402, 144.9785



84.7821, 71.8402, 113.5770

Sweetspot

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



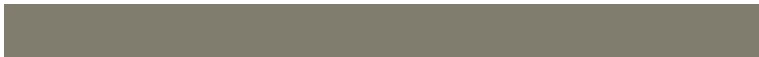
66.7531, 71.8435, 35.9411



88.4736, 94.1130, 84.3083



52.6003, 40.7080, 39.9481



18.7945, 20.0126, 17.5244



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.



66.7531, 71.8435, 35.9411



73.1546, 78.6371, 32.4595



63.7641, 79.0022, 37.4804



16.8218, 17.8568, 16.7098



29.7459, 30.2898, 4.2787



2.5448, 2.6602, 0.3793

Inverse Universe

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



40.1294, 38.2948, 88.4955



39.2440, 35.9307, 99.4747



42.1393, 34.2494, 87.6087



15.1689, 15.7719, 19.9664



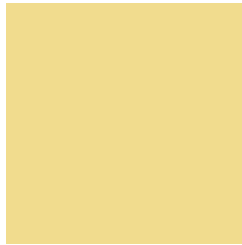
9.3332, 4.8907, 45.5800



0.8465, 0.5469, 3.8152

Previews

White Background



This preview shows how the XYZ color 66.7513, 71.8402, 35.9396 looks on a white background.

Color Contrast Check

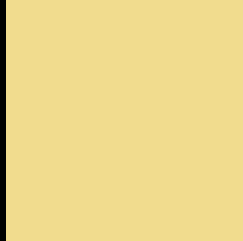
Large Text (above 18pt) WCAG AA × Fail

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 66.7513, 71.8402, 35.9396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

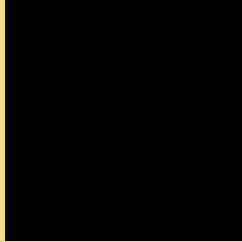
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7513, 71.8402, 35.9396

Background



This preview shows how black text looks on a background with the XYZ color 66.7513, 71.8402, 35.9396.



This preview shows how white text looks on a background with the XYZ color 66.7513, 71.8402,

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

66.7513, 71.8402, 35.9396

Protanopia

66.4109, 71.6647, 35.9236

Deuteranopia

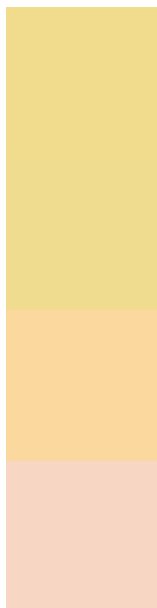
72.0093, 71.6385, 46.5915



Tritanopia

76.1984, 71.9082, 81.8151

Trichromacy



Original Color

66.7513, 71.8402, 35.9396

Protanomaly

66.4109, 71.6647, 35.9236

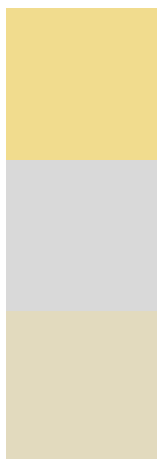
Deuteranomaly

70.1518, 71.9043, 42.5293

Tritanomaly

72.2547, 71.8074, 61.6817

Monochromacy



Original Color

66.7513, 71.8402, 35.9396

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7297, 70.0293, 58.7679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7513, 71.8402, 35.9396 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(241, 220, 142)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 142)  
}
```

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(241, 220, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 142) }
```

Border

The CSS property to change the border of an element to XYZ 66.7513, 71.8402, 35.9396 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(241, 220, 142) }
```


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

```
.border{ border-color:rgb(241, 220, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 220, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 142);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7513, 71.8402, 35.9396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 142) }
```

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

```
.background{ background-color: rgb(241,  
220, 142) }
```

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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