

Converting Colors

XYZ(69.5070, 71.6076, 33.6852)

Have a look what the booklet for
XYZ(69.5070, 71.6076, 33.6852)
contains.

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Color

**XYZ(69.5792, 71.8005,
33.8586)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD889
RGB	253, 216, 137
RGB Percent	99%, 85%, 54%
CMY	0.0078, 0.1529, 0.4627
CMYK	0.00, 0.15, 0.46, 0.01
HSL	41°, 97%, 76%
HSV	41°, 46%, 99%
XYZ	69.5792, 71.8005, 33.8586
YIQ	218.0570, 47.4110, -16.7250

Conversions

Conversions Part 2

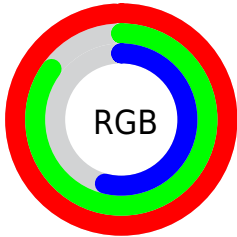
Format	Color
RYB	191, 253, 137
Decimal	16636041
CIELab	87.87, 2.90, 43.59
CIELCh	88, 43.689, 86.193
Yxy	71.8005, 0.3971, 0.4097
Android (android.graphics.Color)	4294826121 (0xFFFD889)
YUV	218.0570, -39.9611, 30.6450
Hunter-Lab	84.7352, -1.7136, 35.6234

Details

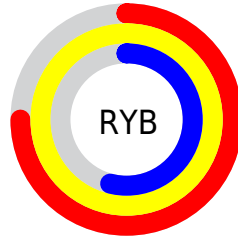
The XYZ color **69.5792, 71.8005, 33.8586** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.1817, 42.6808, 98.8905**, and the grayscale version is **66.9255, 70.4108, 76.6774**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **36.6327, 37.6149, 13.9240** is the 20% darker color. If you saturate the color by 10%, you get **65.9567, 67.1274, 24.7231**, and if you desaturate by 10%, it is **73.7322, 76.8536, 45.2717**.

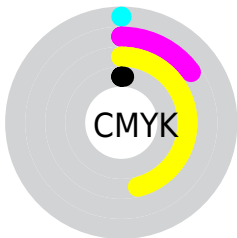
Distribution



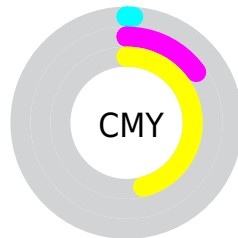
- Red (99%)
- Green (85%)
- Blue (54%)



- Red (75%)
- Yellow (99%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (46%)
- Black (1%)



- Cyan (1%)
- Magenta (15%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5792, 71.8005, 33.8586 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 69.5792, 71.8005, 33.8586 by changing the saturation by 10% instead.

69.5792, 71.8005,
33.8586

69.5792, 71.8005,
33.8586

448.3606,
466.8469, 334.2510

51.4619, 52.9957,
22.5085

117.6380,
121.7729, 66.8451

36.7989, 37.7994,
14.0291

148.3102,
153.7092, 89.3186

25.2248, 25.8270,
8.0020

183.8982,
190.7916, 116.3370

16.3742, 16.6943,
4.0084

224.7671,
233.4043, 148.3188

9.8819, 10.0167,
1.6300

271.2825,
281.9318, 185.6825

5.3824, 5.4101,
0.3121

323.8097,

2.5104, 2.4898,

336.7585, 228.8468

0.0000

382.7139,
398.2687, 278.2301

■ 0.9005, 0.8715,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5792, 71.8005,
33.8586

■ 69.5792, 71.8005,
33.8586

■ 65.9567, 67.1274,
24.7231

■ 73.7322, 76.8536,
45.2717

■ 62.8279, 62.8091,
17.7014

■ 78.4392, 82.2904,
59.1020

■ 60.1589, 58.8326,
12.6145

■ 83.7283, 88.1268,
75.4830

■ 57.9083, 55.1787,
9.2518

■ 89.6240, 94.3750,
94.5373

■ 56.0250, 51.8247,
7.3520

94.3179, 99.6226,
108.8657

■ 55.3204, 50.5075,
6.8332

Harmonies

Analogous

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



79.9741, 71.8005, 39.6233



69.5792, 71.8005, 33.8586



59.8004, 71.8005, 37.2573

Triad

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



69.5792, 71.8005, 33.8586



51.8418, 71.8005, 106.2500



86.2263, 71.8005, 114.5288

Complementary

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



69.5792, 71.8005, 33.8586



43.1817, 42.6808, 98.8905

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.



77.4476, 71.8005, 141.5759



69.5792, 71.8005, 33.8586



57.7213, 71.8005, 136.0069

Square

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



69.5792, 71.8005, 33.8586



50.1884, 71.8005, 74.4411



66.9264, 71.8005, 150.2903



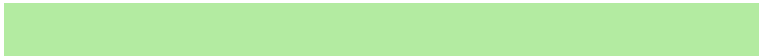
90.1816, 71.8005, 82.0390

Rectangle

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



69.5792, 71.8005, 33.8586



54.8182, 71.8005, 44.8846



66.9264, 71.8005, 150.2903



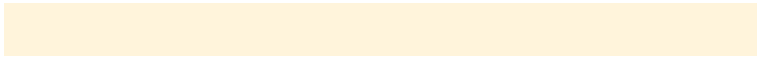
83.7008, 71.8005, 124.8487

Sweetspot

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



69.5810, 71.8039, 33.8601



86.3006, 90.8601, 80.2143



57.2576, 41.8961, 45.9713



18.2068, 19.1622, 16.3271



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.



69.5810, 71.8039, 33.8601



67.4340, 68.7199, 25.8544



73.4631, 89.4926, 37.0697



19.0441, 20.0564, 19.0119



29.5658, 27.1427, 3.6808



2.9773, 2.8400, 0.3913

Inverse Universe

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



43.1817, 42.6808, 98.8905



37.5678, 35.8088, 99.5395



40.4509, 32.0853, 96.9893



17.4758, 18.3232, 22.8656



11.0998, 7.1093, 50.2218



1.1743, 0.8794, 4.9211

Previews

White Background



This preview shows how the XYZ color 69.5792, 71.8005, 33.8586 looks on a white background.

Color Contrast Check

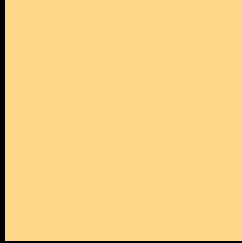
Large Text (above 18pt) WCAG AA × Fail

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 69.5792, 71.8005, 33.8586 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 69.5792, 71.8005, 33.8586

Background



This preview shows how black text looks on a background with the XYZ color 69.5792, 71.8005, 33.8586.

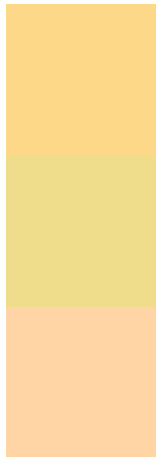


This preview shows how white text looks on a background with the XYZ color 69.5792, 71.8005,

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

69.5792, 71.8005, 33.8586

Protanopia

66.4518, 72.1022, 34.8408

Deuteranopia

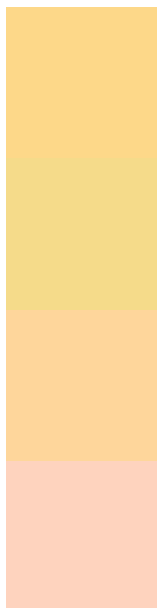
71.8258, 71.5651, 45.6251



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

69.5792, 71.8005, 33.8586

Protanomaly

67.5752, 71.9105, 34.3633

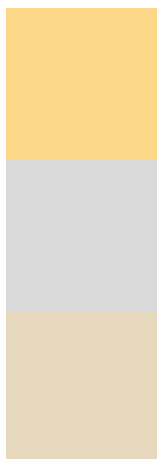
Deuteranomaly

70.8360, 71.5305, 41.0837

Tritanomaly

73.4616, 71.3771, 58.6205

Monochromacy



Original Color

69.5792, 71.8005, 33.8586

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.9532, 70.2888, 58.1824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5792, 71.8005, 33.8586 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(253, 216, 137)` looks like.

```
.text, #text, p{  
    color:rgb(253, 216, 137)  
}
```

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(253, 216, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 216, 137) }
```

Border

The CSS property to change the border of an element to XYZ 69.5792, 71.8005, 33.8586 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(253, 216, 137) }
```


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

```
.border{ border-color:rgb(253, 216, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 216, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 216, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 216, 137); box-shadow:4px 4px 4px 4px rgb(253, 216, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5792, 71.8005, 33.8586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 216, 137) }
```

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

```
.background{ background-color: rgb(253,  
216, 137) }
```

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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