

Converting Colors

XYZ(69.0614, 72.7101, 25.7380)

Have a look what the booklet for
XYZ(69.0614, 72.7101, 25.7380)
contains.

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Color

**XYZ(69.1292, 72.9037,
25.7576)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDB70
RGB	254, 219, 112
RGB Percent	100%, 86%, 44%
CMY	0.0039, 0.1412, 0.5608
CMYK	0.00, 0.14, 0.56, 0.00
HSL	45°, 99%, 72%
HSV	45°, 56%, 100%
XYZ	69.1292, 72.9037, 25.7576
YIQ	217.2670, 55.2070, -25.8570

Conversions

Conversions Part 2

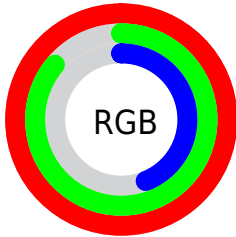
Format	Color
RYB	158, 254, 112
Decimal	16702320
CIELab	88.40, -0.35, 56.31
CIELCh	88, 56.311, 90.361
Yxy	72.9037, 0.4120, 0.4345
Android (android.graphics.Color)	4294892400 (0xFFFEDB70)
YUV	217.2670, -51.8966, 32.2148
Hunter-Lab	85.3837, -4.9024, 41.8826

Details

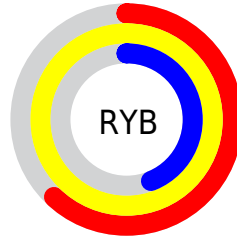
The XYZ color **69.1292, 72.9037, 25.7576** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.0049, 31.4669, 97.9943**, and the grayscale version is **66.4566, 69.9175, 76.1402**.

A 20% lighter version of the original color is **83.8829, 95.5332, 50.0950**, and **36.5706, 38.4688, 9.6354** is the 20% darker color. If you saturate the color by 10%, you get **66.3077, 69.2138, 18.7969**, and if you desaturate by 10%, it is **72.4144, 76.8829, 34.8421**.

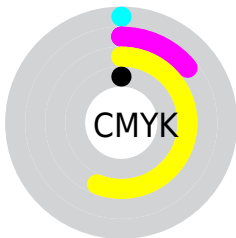
Distribution



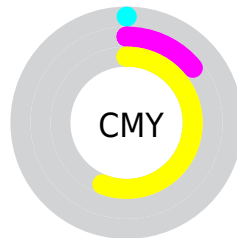
- Red (100%)
- Green (86%)
- Blue (44%)



- Red (62%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (14%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1292, 72.9037, 25.7576 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 69.1292, 72.9037, 25.7576 by changing the saturation by 10% instead.

69.1292, 72.9037,
25.7576

69.1292, 72.9037,
25.7576

446.8008,
470.6810, 295.1576

51.0940, 53.8972,
16.4182

116.9992,
123.3405, 53.8629

36.5047, 38.5195,
9.6630

147.5646,
155.5396, 73.4660

24.9962, 26.3861,
5.0735

183.0374,
192.9050, 97.3273

16.2029, 17.1127,
2.2309

223.7831,
235.8212, 125.8655

9.7596, 10.3149,
0.6921

270.1669,
284.6725, 159.4991

5.3009, 5.6082,
0.0000

322.5542,

2.4614, 2.6084,

339.8433, 198.6466

0.0000

381.3104,
401.7180, 243.7266

■ 0.8759, 0.9309,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1292, 72.9037,
25.7576

■ 69.1292, 72.9037,
25.7576

■ 66.3077, 69.2138,
18.7969

■ 72.4144, 76.8829,
34.8421

■ 63.9096, 65.7877,
13.7735

■ 76.1893, 81.1545,
46.2067

■ 61.8955, 62.6113,
10.4763

■ 80.4838, 85.7343,
59.9982

■ 60.2147, 59.6633,
8.6413

■ 85.3239, 90.6336,
76.3498

■ 59.5921, 58.5093,
8.1526

■ 90.7334, 95.8631,
95.3849

94.6829, 99.8107,
108.8828

Harmonies

Analogous

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



82.9696, 72.9037, 30.6394



69.1292, 72.9037, 25.7576



56.9590, 72.9037, 30.8886

Triad

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



69.1292, 72.9037, 25.7576



49.1838, 72.9037, 123.3018



94.4499, 72.9037, 122.2158

Complementary

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



69.1292, 72.9037, 25.7576



35.0049, 31.4669, 97.9943

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.



83.2897, 72.9037, 162.5743



69.1292, 72.9037, 25.7576



57.2082, 72.9037, 163.3316

Square

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



69.1292, 72.9037, 25.7576



46.3998, 72.9037, 79.8495



69.4566, 72.9037, 179.6112



98.6956, 72.9037, 78.9118

Rectangle

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



69.1292, 72.9037, 25.7576



51.1294, 72.9037, 40.7074



69.4566, 72.9037, 179.6112



91.3167, 72.9037, 137.0221

Sweetspot

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



69.1309, 72.9072, 25.7591



85.5257, 90.8881, 75.0916



51.9734, 34.7822, 31.7852



18.0890, 19.2371, 15.3301



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.



69.1309, 72.9072, 25.7591



66.6144, 69.4389, 18.3104



67.4298, 87.0359, 28.5759



19.1598, 20.2878, 19.0504



31.5401, 31.0915, 4.3389



3.1567, 3.1988, 0.4511

Inverse Universe

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



35.0049, 31.4669, 97.9943



29.2129, 24.0984, 97.7195



35.8067, 24.9944, 96.7027



17.3666, 18.1047, 22.8292



10.4533, 5.8161, 50.0063



1.0993, 0.7294, 4.8961

Previews

White Background



This preview shows how the XYZ color 69.1292, 72.9037, 25.7576 looks on a white background.

Color Contrast Check

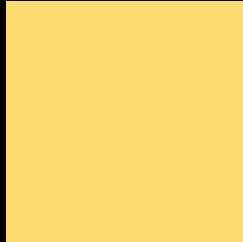
Large Text (above 18pt) WCAG AA × Fail

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 69.1292, 72.9037, 25.7576 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 69.1292, 72.9037, 25.7576

Background



This preview shows how black text looks on a background with the XYZ color 69.1292, 72.9037, 25.7576.



This preview shows how white text looks on a background with the XYZ color 69.1292, 72.9037,

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

69.1292, 72.9037, 25.7576

Protanopia

66.7581, 72.8473, 26.1652

Deuteranopia

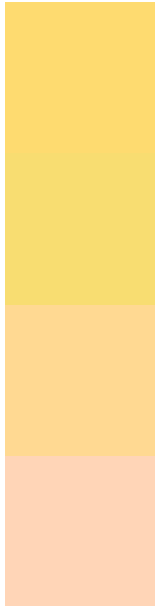
72.5874, 73.0883, 45.8790



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

69.1292, 72.9037, 25.7576

Protanomaly

67.5485, 72.8616, 26.1263

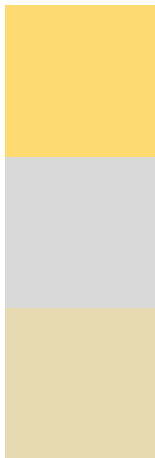
Deuteranomaly

71.2412, 72.9610, 37.5222

Tritanomaly

73.5815, 72.2674, 54.8706

Monochromacy



Original Color

69.1292, 72.9037, 25.7576

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8412, 70.2205, 52.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1292, 72.9037, 25.7576 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(254, 219, 112)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 112)  
}
```

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(254, 219, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 112) }
```

Border

The CSS property to change the border of an element to XYZ 69.1292, 72.9037, 25.7576 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(254, 219, 112) }
```


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

```
.border{ border-color:rgb(254, 219, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 112);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1292, 72.9037, 25.7576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 112) }
```

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

```
.background{ background-color: rgb(254,  
219, 112) }
```

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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