

Converting Colors

XYZ(69.9657, 74.1206, 25.6580)

Have a look what the booklet for
XYZ(69.9657, 74.1206, 25.6580)
contains.

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Color

**XYZ(69.9657, 74.1206,
25.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD6F
RGB	255, 221, 111
RGB Percent	100%, 87%, 44%
CMY	0.0000, 0.1333, 0.5647
CMYK	0.00, 0.13, 0.56, 0.00
HSL	46°, 100%, 72%
HSV	46°, 56%, 100%
XYZ	69.9657, 74.1206, 25.6580
YIQ	218.6260, 55.5740, -27.0020

Conversions

Conversions Part 2

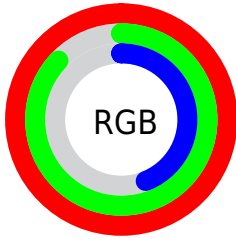
Format	Color
RYB	156, 255, 111
Decimal	16768367
CIELab	88.98, -1.04, 57.47
CIELCh	89, 57.475, 91.035
Yxy	74.1206, 0.4122, 0.4367
Android (android.graphics.Color)	4294958447 (0xFFFFDD6F)
YUV	218.6260, -53.0596, 31.9000
Hunter-Lab	86.0933, -5.6012, 42.5954

Details

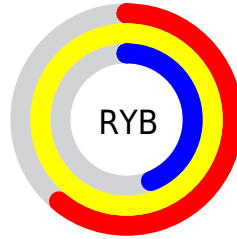
The XYZ color **69.9657, 74.1206, 25.6580** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.7306, 30.8492, 98.7313**, and the grayscale version is **67.4034, 70.9136, 77.2249**.

A 20% lighter version of the original color is **83.7915, 95.4966, 49.6137**, and **36.9056, 39.1800, 9.6204** is the 20% darker color. If you saturate the color by 10%, you get **67.1967, 70.5181, 18.7692**, and if you desaturate by 10%, it is **73.1959, 78.0044, 34.6789**.

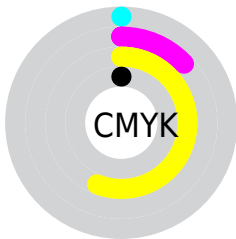
Distribution



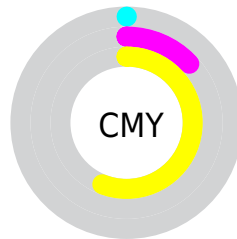
- Red (100%)
- Green (87%)
- Blue (44%)



- Red (61%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9657, 74.1206, 25.6580 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 69.9657, 74.1206, 25.6580 by changing the saturation by 10% instead.

69.9657, 74.1206,
25.6580

69.9657, 74.1206,
25.6580

449.6979,
474.8895, 294.6510

51.7781, 54.8928,
16.3445

118.1864,
125.0668, 53.7000

37.0518, 39.3159,
9.6113

148.9501,
157.5538, 73.2656

25.4214, 27.0055,
5.0398

184.6366,
195.2295, 97.0856

16.5217, 17.5774,
2.2115

225.6112,
238.4780, 125.5785

9.9873, 10.6470,
0.6810

272.2393,
287.6839, 159.1630

5.4527, 5.8300,
0.0000

324.8862,

2.5527, 2.7420,

343.2315, 198.2576

0.0000

383.9173,
405.5053, 243.2807

■ 0.9219, 0.9986,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9657, 74.1206,
25.6580

■ 69.9657, 74.1206,
25.6580

■ 67.1967, 70.5181,
18.7692

■ 73.1959, 78.0044,
34.6789

■ 64.8480, 67.1711,
13.8229

■ 76.9136, 82.1726,
45.9909

■ 62.8794, 64.0655,
10.6035

■ 81.1492, 86.6409,
59.7428

■ 61.2390, 61.1794,
8.8397

■ 85.9287, 91.4207,
76.0697

■ 60.7107, 60.2017,
8.4203

■ 91.2765, 96.5227,
95.0967

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



84.2659, 74.1206, 30.3969



69.9657, 74.1206, 25.6580



57.4958, 74.1206, 31.1268

Triad

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



69.9657, 74.1206, 25.6580



49.8599, 74.1206, 127.1850



96.6432, 74.1206, 123.9559

Complementary

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



69.9657, 74.1206, 25.6580



34.7306, 30.8492, 98.7313

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.



85.2156, 74.1206, 166.1311



69.9657, 74.1206, 25.6580



58.2323, 74.1206, 168.3881

Square

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



69.9657, 74.1206, 25.6580



46.8732, 74.1206, 82.1012



70.9353, 74.1206, 184.5622



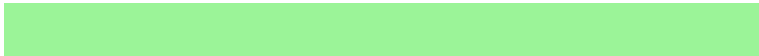
100.8429, 74.1206, 79.3242

Rectangle

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



69.9657, 74.1206, 25.6580



51.5703, 74.1206, 41.3694



70.9353, 74.1206, 184.5622



93.4513, 74.1206, 139.3485

Sweetspot

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



69.9675, 74.1241, 25.6595



85.6614, 91.1594, 75.1368



52.1912, 34.7361, 31.5586



18.1212, 19.3016, 15.3409



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.



69.9675, 74.1241, 25.6595



66.8111, 69.9897, 17.8911



67.8428, 87.7276, 28.3972



19.1764, 20.3210, 19.0560



31.8434, 31.6981, 4.4400



3.1840, 3.2533, 0.4601

Inverse Universe

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



34.7306, 30.8492, 98.7313



28.5203, 23.0465, 97.5530



35.7677, 24.7927, 97.5077



17.3510, 18.0737, 22.8240



10.3755, 5.6607, 49.9804



1.0898, 0.7104, 4.8929

Previews

White Background



This preview shows how the XYZ color 69.9657, 74.1206, 25.6580 looks on a white background.

Color Contrast Check

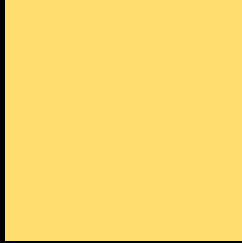
Large Text (above 18pt) WCAG AA × Fail

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 69.9657, 74.1206, 25.6580 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 69.9657, 74.1206, 25.6580

Background



This preview shows how black text looks on a background with the XYZ color 69.9657, 74.1206, 25.6580.



This preview shows how white text looks on a background with the XYZ color 69.9657, 74.1206,

25.6580.

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

69.9657, 74.1206, 25.6580

Protanopia

67.9381, 74.2553, 26.0812

Deuteranopia

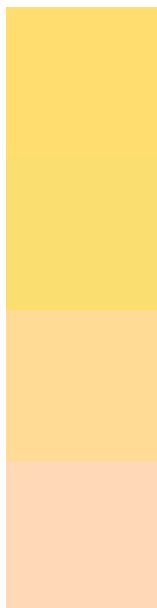
73.5671, 74.3051, 48.4951



Tritanopia

78.4888, 74.2303, 80.7121

Trichromacy



Original Color

69.9657, 74.1206, 25.6580

Protanomaly

68.7366, 74.2692, 26.0418

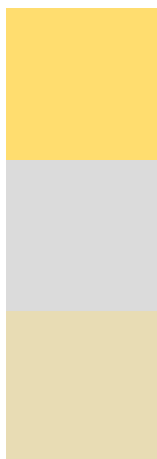
Deuteranomaly

71.9963, 74.0930, 38.9405

Tritanomaly

74.3431, 73.7906, 55.1245

Monochromacy



Original Color

69.9657, 74.1206, 25.6580

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1101, 71.6375, 53.4704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9657, 74.1206, 25.6580 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(255, 221, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 111)  
}
```

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(255, 221, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 111) }
```

Border

The CSS property to change the border of an element to XYZ 69.9657, 74.1206, 25.6580 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(255, 221, 111) }
```


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

```
.border{ border-color:rgb(255, 221, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9657, 74.1206, 25.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 111) }
```

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

```
.background{ background-color: rgb(255,  
221, 111) }
```

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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