

Converting Colors

XYZ(68.5986, 73.7054, 30.3497)

Have a look what the booklet for
XYZ(68.5986, 73.7054, 30.3497)
contains.

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Color

**XYZ(68.5986, 73.7054,
30.3497)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DE7E
RGB	248, 222, 126
RGB Percent	97%, 87%, 49%
CMY	0.0275, 0.1294, 0.5059
CMYK	0.00, 0.10, 0.49, 0.03
HSL	47°, 90%, 73%
HSV	47°, 49%, 97%
XYZ	68.5986, 73.7054, 30.3497
YIQ	218.8300, 46.3120, -24.3440

Conversions

Conversions Part 2

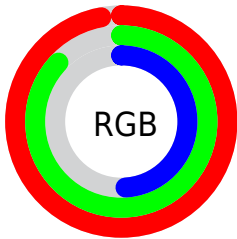
Format	Color
RYB	159, 248, 126
Decimal	16309886
CIELab	88.78, -3.15, 50.01
CIELCh	89, 50.114, 93.605
Yxy	73.7054, 0.3973, 0.4269
Android (android.graphics.Color)	4294499966 (0xFFFF8DE7E)
YUV	218.8300, -45.7652, 25.5821
Hunter-Lab	85.8518, -7.6131, 39.1365

Details

The XYZ color **68.5986, 73.7054, 30.3497** is a light color, and the websafe version is hex **FFCC66**, and the color name is **jasmine**. A complement of this color would be **36.7754, 33.6683, 93.3671**, and the grayscale version is **67.5005, 71.0158, 77.3362**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **36.0410, 38.9507, 12.0972** is the 20% darker color. If you saturate the color by 10%, you get **65.8116, 70.3828, 22.4807**, and if you desaturate by 10%, it is **71.8298, 77.2816, 40.3252**.

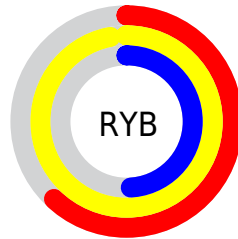
Distribution



Red (97%)

Green (87%)

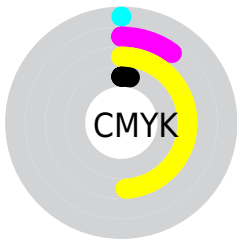
Blue (49%)



Red (62%)

Yellow (97%)

Blue (49%)

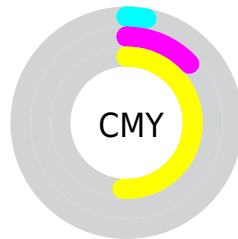


Cyan (0%)

Magenta (10%)

Yellow (49%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5986, 73.7054, 30.3497 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 68.5986, 73.7054, 30.3497 by changing the saturation by 10% instead.

68.5986, 73.7054,
30.3497

68.5986, 73.7054,
30.3497

444.9575,
473.4560, 317.7890

50.6603, 54.5530,
19.8499

116.2453,
124.4781, 61.2823

36.1583, 39.0439,
12.1030

146.6844,
156.8671, 82.5521

24.7272, 26.7939,
6.6905

182.0212,
194.4372, 108.2491

16.0015, 17.4185,
3.1938

222.6210,
237.5726, 138.7917

9.6161, 10.5333,
1.1944

268.8492,
286.6578, 174.5984

5.2055, 5.7540,
0.0000

321.0711,

2.4043, 2.6961,

342.0772, 216.0878

0.0000

379.6521,
404.2151, 263.6785

■ 0.8473, 0.9752,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.5986, 73.7054,
30.3497

■ 68.5986, 73.7054,
30.3497

■ 65.8116, 70.3828,
22.4807

■ 71.8298, 77.2816,
40.3252

■ 63.4332, 67.2906,
16.5562


■ 75.5271, 81.1125,
52.5441

■ 61.4308, 64.4178,
12.3982


■ 79.7171, 85.2121,
67.1367


■ 59.7633, 61.7476,
9.7936

■ 84.4228, 89.5902,
84.2223

 58.3691, 59.2544,
8.4184

 89.6657, 94.2560,
103.9120

 58.2622, 59.0583,
8.3286

 92.1113, 97.8764,
108.6450

 92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



80.9412, 73.7054, 34.0634



68.5986, 73.7054, 30.3497



57.9247, 73.7054, 36.4908

Triad

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



68.5986, 73.7054, 30.3497



52.3724, 73.7054, 123.1812



93.0880, 73.7054, 113.7536

Complementary

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



68.5986, 73.7054, 30.3497



36.7754, 33.6683, 93.3671

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.



83.7701, 73.7054, 149.7160



68.5986, 73.7054, 30.3497



60.1911, 73.7054, 156.1709

Square

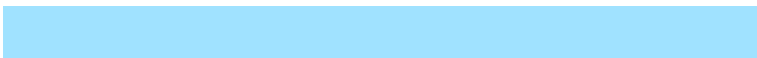
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5986, 73.7054, 30.3497



49.2637, 73.7054, 84.5259



71.5314, 73.7054, 167.0604



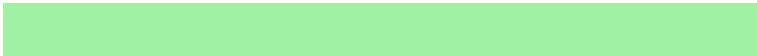
96.0003, 73.7054, 76.1259

Rectangle

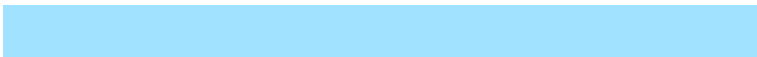
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.5986, 73.7054, 30.3497



52.9105, 73.7054, 46.7906



71.5314, 73.7054, 167.0604



90.5520, 73.7054, 126.7589

Sweetspot

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



68.6004, 73.7089, 30.3512



86.9469, 92.6868, 78.7830



51.8757, 37.1601, 34.3316



18.3885, 19.6306, 16.0636



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.



68.6004, 73.7089, 30.3512



70.1396, 75.0164, 24.0265



64.9000, 82.8522, 32.3111



18.3951, 19.5261, 18.2618



31.5796, 32.1159, 4.5346



3.0003, 3.1255, 0.4451

Inverse Universe

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



36.7754, 33.6683, 93.3671



32.7127, 27.9754, 98.2834



39.0156, 29.2320, 92.3927



16.5827, 17.2423, 21.8394



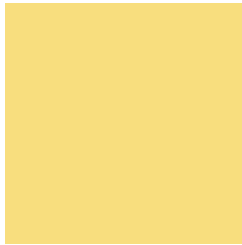
9.9185, 5.1926, 48.4531



0.9921, 0.6279, 4.5121

Previews

White Background



This preview shows how the XYZ color 68.5986, 73.7054, 30.3497 looks on a white background.

Color Contrast Check

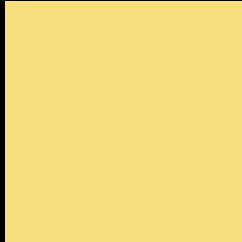
Large Text (above 18pt) WCAG AA × Fail

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 68.5986, 73.7054, 30.3497 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 68.5986, 73.7054, 30.3497

Background



This preview shows how black text looks on a background with the XYZ color 68.5986, 73.7054, 30.3497.



This preview shows how white text looks on a background with the XYZ color 68.5986, 73.7054,

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

68.5986, 73.7054, 30.3497

Protanopia

67.8098, 73.6942, 30.3891

Deuteranopia

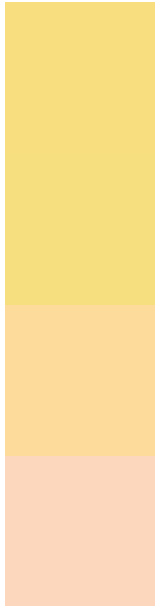
73.4035, 73.8260, 48.9091



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

68.5986, 73.7054, 30.3497

Protanomaly

68.1596, 73.8745, 30.4055

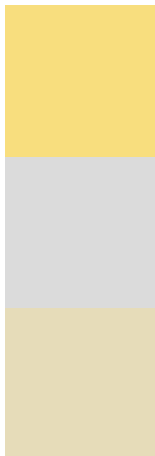
Deuteranomaly

71.3928, 73.7250, 41.4779

Tritanomaly

73.7396, 73.0140, 58.9218

Monochromacy



Original Color

68.5986, 73.7054, 30.3497

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.9833, 71.5122, 56.1718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5986, 73.7054, 30.3497 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(248, 222, 126)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 126)  
}
```

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(248, 222, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 126) }
```

Border

The CSS property to change the border of an element to XYZ 68.5986, 73.7054, 30.3497 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(248, 222, 126) }
```


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

```
.border{ border-color:rgb(248, 222, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 222, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 126);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5986, 73.7054, 30.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 126) }
```

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

```
.background{ background-color: rgb(248,  
222, 126) }
```

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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