

Converting Colors

XYZ(71.0654, 78.2140, 30.7533)

Have a look what the booklet for
XYZ(71.0654, 78.2140, 30.7533)
contains.

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Color

**XYZ(71.0654, 78.2140,
30.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E67D
RGB	249, 230, 125
RGB Percent	98%, 90%, 49%
CMY	0.0235, 0.0980, 0.5098
CMYK	0.00, 0.08, 0.50, 0.02
HSL	51°, 91%, 73%
HSV	51°, 50%, 98%
XYZ	71.0654, 78.2140, 30.7533
YIQ	223.7110, 45.0290, -28.6270

Conversions

Conversions Part 2

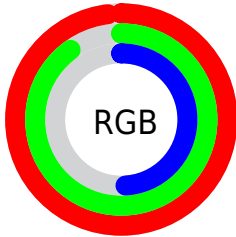
Format	Color
RYB	147, 249, 125
Decimal	16377469
CIELab	90.88, -6.87, 53.05
CIELCh	91, 53.492, 97.375
Yxy	78.2140, 0.3947, 0.4344
Android (android.graphics.Color)	4294567549 (0xFFF9E67D)
YUV	223.7110, -48.6645, 22.1785
Hunter-Lab	88.4387, -11.3330, 41.2898

Details

The XYZ color **71.0654, 78.2140, 30.7533** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.5294, 31.1451, 93.7613**, and the grayscale version is **70.9608, 74.6562, 81.3007**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **37.7349, 42.0750, 12.2633** is the 20% darker color. If you saturate the color by 10%, you get **68.6208, 75.5592, 23.0504**, and if you desaturate by 10%, it is **73.9358, 81.0820, 40.5668**.

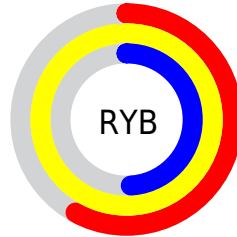
Distribution



Red (98%)

Green (90%)

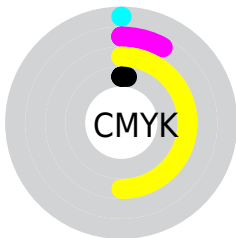
Blue (49%)



Red (58%)

Yellow (98%)

Blue (49%)

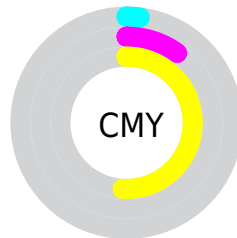


Cyan (0%)

Magenta (8%)

Yellow (50%)

Black (2%)



Cyan (2%)

Magenta (10%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0654, 78.2140, 30.7533 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 71.0654, 78.2140, 30.7533 by changing the saturation by 10% instead.

71.0654, 78.2140,
30.7533

71.0654, 78.2140,
30.7533

453.4903,
488.8933, 319.7161

52.6783, 58.2498,
20.1542

119.7449,
130.8518, 61.9265

37.7725, 42.0095,
12.3220

150.7679,
164.2941, 83.3376

25.9826, 29.1087,
6.8382

186.7337,
202.9979, 109.1898

16.9432, 19.1631,
3.2842

228.0075,
247.3476, 139.9017

10.2891, 11.7882,
1.2415

274.9547,
297.7276, 175.8917

5.6548, 6.5996,
0.0131

327.9407,

2.6750, 3.2130,

354.5223, 217.5784

0.0000

387.3307,
418.1161, 265.3803

■ 0.9843, 1.2439,
0.0000

■ 0.0000, 0.0971,
0.0000

■ 71.0654, 78.2140,
30.7533

■ 71.0654, 78.2140,
30.7533

■ 68.6208, 75.5592,
23.0504

■ 73.9358, 81.0820,
40.5668

■ 66.5656, 73.0942,
17.2933


■ 77.2536, 84.1636,
52.6295

■ 64.8671, 70.8086,
13.3006


■ 81.0457, 87.4725,
67.0740


■ 63.4835, 68.6854,
10.8543


■ 85.3352, 91.0181,
84.0210

 62.3480, 66.6976,
9.6023

 90.1437, 94.8095,
103.5832

 62.3261, 66.6582,
9.5814

 92.2076, 97.5413,
108.5752

 92.8768, 98.8797,
108.7983

Harmonies

Analogous

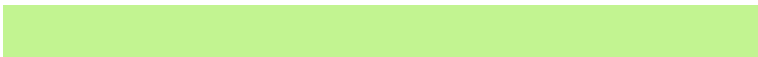
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7540, 78.2140, 33.4096



71.0654, 78.2140, 30.7533



59.7025, 78.2140, 38.7752

Triad

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



71.0654, 78.2140, 30.7533



55.6015, 78.2140, 138.5803



100.8966, 78.2140, 116.9978

Complementary

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



71.0654, 78.2140, 30.7533



35.5294, 31.1451, 93.7613

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.



91.1936, 78.2140, 158.7403



71.0654, 78.2140, 30.7533



64.8162, 78.2140, 173.5995

Square

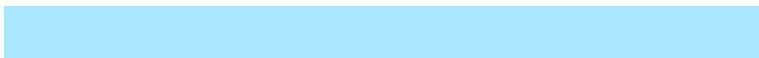
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0654, 78.2140, 30.7533



51.5021, 78.2140, 95.0404



77.7138, 78.2140, 181.9188



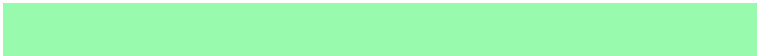
103.0928, 78.2140, 75.9925

Rectangle

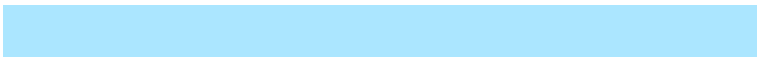
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0654, 78.2140, 30.7533



54.5934, 78.2140, 51.1081



77.7138, 78.2140, 181.9188



98.3525, 78.2140, 131.7313

Sweetspot

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



71.0673, 78.2176, 30.7549



87.6512, 94.0953, 79.0178



51.5634, 36.8727, 31.4588



18.5595, 19.9727, 16.1206



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

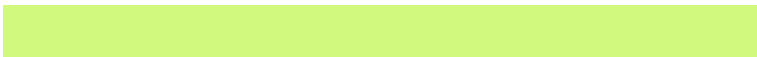
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0673, 78.2176, 30.7549



72.3724, 79.6875, 24.1372



63.4965, 82.5937, 31.9986



18.4876, 19.7111, 18.2926



33.4474, 35.8514, 5.1571



3.1570, 3.4389, 0.4974

Inverse Universe

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



35.5294, 31.1451, 93.7613



30.9184, 24.8226, 97.7694



40.2291, 29.6508, 93.2251



16.4976, 17.0721, 21.8110



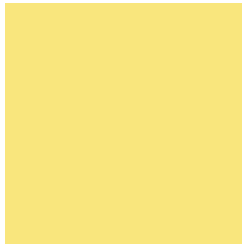
9.5898, 4.5351, 48.3435



0.9495, 0.5426, 4.4979

Previews

White Background



This preview shows how the XYZ color 71.0654, 78.2140, 30.7533 looks on a white background.

Color Contrast Check

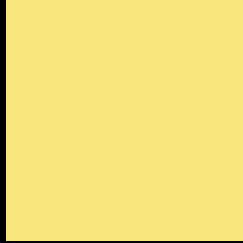
Large Text (above 18pt) WCAG AA × Fail

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 71.0654, 78.2140, 30.7533 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 71.0654, 78.2140, 30.7533

Background



This preview shows how black text looks on a background with the XYZ color 71.0654, 78.2140, 30.7533.

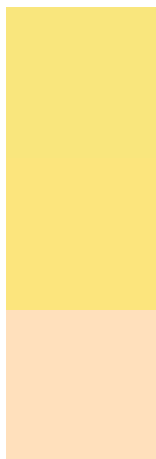


This preview shows how white text looks on a background with the XYZ color 71.0654, 78.2140,

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

71.0654, 78.2140, 30.7533

Protanopia

71.8659, 78.2147, 30.7113

Deuteranopia

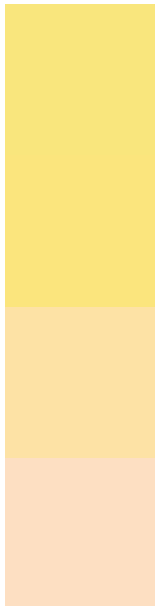
76.9728, 78.2021, 58.6146



Tritanopia

81.4228, 77.8635, 88.5796

Trichromacy



Original Color

71.0654, 78.2140, 30.7533

Protanomaly

71.5046, 78.0285, 30.6943

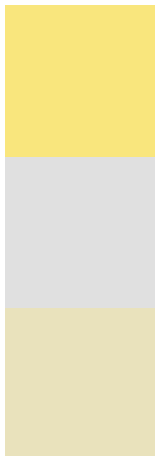
Deuteranomaly

74.4959, 77.9920, 46.7249

Tritanomaly

76.6333, 77.5530, 61.9692

Monochromacy



Original Color

71.0654, 78.2140, 30.7533

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.8777, 75.3472, 58.4375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0654, 78.2140, 30.7533 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(249, 230, 125)` looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 125)  
}
```

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(249, 230, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 125) }
```

Border

The CSS property to change the border of an element to XYZ 71.0654, 78.2140, 30.7533 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(249, 230, 125) }
```


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

```
.border{ border-color:rgb(249, 230, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 230, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 230, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 230, 125);  
box-shadow:4px 4px 4px 4px rgb(249, 230,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0654, 78.2140, 30.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 230, 125) }
```

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

```
.background{ background-color: rgb(249,  
230, 125) }
```

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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