

Converting Colors

XYZ(127.0054, 108.1547,
33.5891)

Have a look what the booklet for
XYZ(127.0054, 108.1547, 33.5891)
contains.

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Color

**XYZ(74.0806, 81.0185,
31.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE97D
RGB	255, 233, 125
RGB Percent	100%, 91%, 49%
CMY	0.0000, 0.0862, 0.5098
CMYK	0.00, 0.09, 0.51, 0.00
HSL	50°, 100%, 75%
HSV	50°, 51%, 100%
XYZ	74.0806, 81.0185, 31.1357
YIQ	227.2660, 47.7800, -28.9240

Conversions

Conversions Part 2

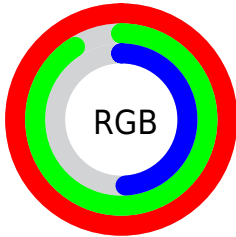
Format	Color
RYB	151, 255, 125
Decimal	16771453
CIELab	92.14, -5.98, 54.68
CIELCh	92, 55.010, 96.239
Yxy	81.0185, 0.3978, 0.4350
Android (android.graphics.Color)	4294961533 (0xFFFFE97D)
YUV	227.2660, -50.4171, 24.3227
Hunter-Lab	90.0103, -10.6082, 42.4980

Details

The XYZ color **74.0806, 81.0185, 31.1357** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.9409, 32.4464, 98.9232**, and the grayscale version is **73.5404, 77.3702, 84.2561**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **39.8550, 44.0444, 12.5317** is the 20% darker color. If you saturate the color by 10%, you get **71.4505, 78.0391, 23.2281**, and if you desaturate by 10%, it is **77.1626, 84.2325, 41.2586**.

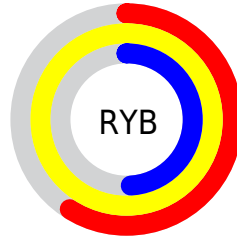
Distribution



Red (100%)

Green (91%)

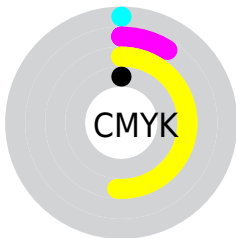
Blue (49%)



Red (59%)

Yellow (100%)

Blue (49%)

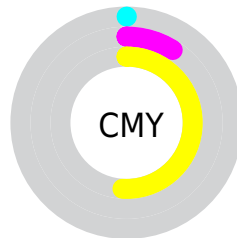


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0806, 81.0185, 31.1357 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 74.0806, 81.0185, 31.1357 by changing the saturation by 10% instead.


 74.0806, 81.0185,
31.1357


 74.0806, 81.0185,
31.1357


463.7975,
498.3587, 321.5335


 55.1515, 60.5568,
20.4429


 124.0049,
134.7967, 62.5357

 39.7574, 43.8676,
12.5301


 155.7309,
168.8821, 84.0800

 27.5328, 30.5664,
6.9789


 192.4533,
208.2775, 110.0785

 18.1124, 20.2689,
3.3707

234.5373,
253.3673, 140.9498

 11.1309, 12.5907,
1.2869

282.3484,
304.5359, 177.1124

 6.2229, 7.1473,
0.0510

336.2519,

 3.0230, 3.5544,

362.1678, 218.9849

0.0000

396.6131,
426.6472, 266.9857

■ 1.1660, 1.4276,
0.0000

■ 0.0792, 0.2369,
0.0000

■ 74.0806, 81.0185,
31.1357

■ 74.0806, 81.0185,
31.1357

■ 71.4505, 78.0391,
23.2281

■ 77.1626, 84.2325,
41.2586

■ 69.2335, 75.2694,
17.3586

■ 80.7202, 87.6818,
53.7457

■ 67.3939, 72.6977,
13.3311

■ 84.7820, 91.3812,
68.7389

■ 65.8865, 70.3056,
10.9085

■ 89.3728, 95.3410,
86.3673

■ 64.7480, 68.2762,
9.7660

94.5157, 99.5707,
106.7514

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



88.5216, 81.0185, 34.3127



74.0806, 81.0185, 31.1357



61.9868, 81.0185, 39.0357

Triad

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



74.0806, 81.0185, 31.1357



57.0424, 81.0185, 142.8925



104.7508, 81.0185, 123.5647

Complementary

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



74.0806, 81.0185, 31.1357



36.9409, 32.4464, 98.9232

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.



94.2734, 81.0185, 167.3685



74.0806, 81.0185, 31.1357



66.5345, 81.0185, 180.7129

Square

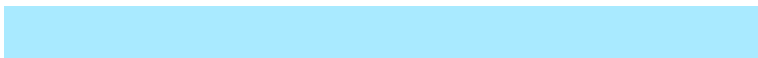
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0806, 81.0185, 31.1357



52.9585, 81.0185, 96.9759



80.0067, 81.0185, 190.8258



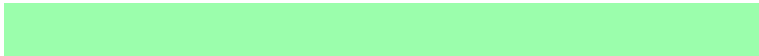
107.4121, 81.0185, 79.9990

Rectangle

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



74.0806, 81.0185, 31.1357



56.4906, 81.0185, 51.5488



80.0067, 81.0185, 190.8258



101.9685, 81.0185, 139.1116

Sweetspot

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



74.0825, 81.0223, 31.1374



87.4621, 93.7172, 78.9548



53.9856, 38.0926, 32.8723



18.5136, 19.8808, 16.1053



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

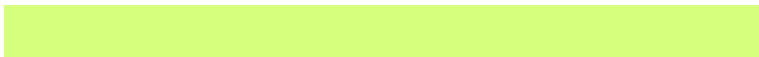
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0825, 81.0223, 31.1374



71.4456, 78.0333, 23.2138



67.1449, 87.2717, 32.7093



19.2843, 20.5368, 19.0919



33.9287, 35.8687, 5.1351



3.3696, 3.6246, 0.5220

Inverse Universe

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



36.9409, 32.4464, 98.9232



30.6759, 24.7600, 97.7701



41.1452, 30.0132, 98.2320



17.2513, 17.8742, 22.7908



9.9577, 4.8249, 49.8411



1.0355, 0.6018, 4.8748

Previews

White Background



This preview shows how the XYZ color 74.0806, 81.0185, 31.1357 looks on a white background.

Color Contrast Check

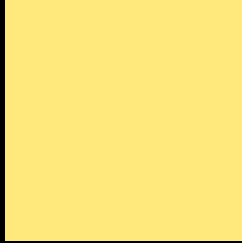
Large Text (above 18pt) WCAG AA × Fail

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 74.0806, 81.0185, 31.1357 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 74.0806, 81.0185, 31.1357

Background



This preview shows how black text looks on a background with the XYZ color 74.0806, 81.0185, 31.1357.



This preview shows how white text looks on a background with the XYZ color 74.0806, 81.0185,

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

74.0806, 81.0185, 31.1357

Protanopia

74.5438, 81.2038, 33.5748

Deuteranopia

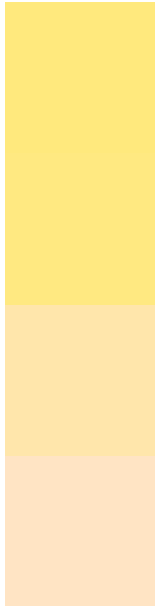
79.1764, 80.8240, 64.8536



Tritanopia

83.3055, 81.1666, 90.6329

Trichromacy



Original Color

74.0806, 81.0185, 31.1357

Protanomaly

74.3414, 81.1228, 32.5089

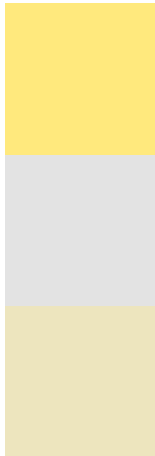
Deuteranomaly

76.8875, 80.7939, 50.0705

Tritanomaly

78.9472, 80.7323, 63.6465

Monochromacy



Original Color

74.0806, 81.0185, 31.1357

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.2386, 77.7609, 59.9172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0806, 81.0185, 31.1357 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, 233, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 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(255, 233, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 125) }
```

Border

The CSS property to change the border of an element to XYZ 74.0806, 81.0185, 31.1357 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, 233, 125) }
```


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

```
.border{ border-color:rgb(255, 233, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0806, 81.0185, 31.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 125) }
```

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

```
.background{ background-color: rgb(255,  
233, 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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