

Converting Colors

XYZ(74.2158, 81.6050, 30.2066)

Have a look what the booklet for
XYZ(74.2158, 81.6050, 30.2066)
contains.

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Color

**XYZ(74.1757, 81.5108,
30.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEA7A
RGB	255, 234, 122
RGB Percent	100%, 92%, 48%
CMY	0.0000, 0.0823, 0.5216
CMYK	0.00, 0.08, 0.52, 0.00
HSL	51°, 100%, 74%
HSV	51°, 52%, 100%
XYZ	74.1757, 81.5108, 30.2360
YIQ	227.5110, 48.4680, -30.3800

Conversions

Conversions Part 2

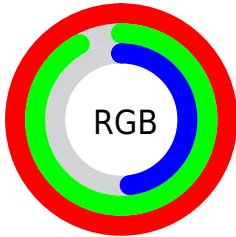
Format	Color
RYB	147, 255, 122
Decimal	16771706
CIELab	92.36, -6.72, 56.34
CIELCh	92, 56.743, 96.805
Yxy	81.5108, 0.3990, 0.4384
Android (android.graphics.Color)	4294961786 (0xFFFFEA7A)
YUV	227.5110, -52.0169, 24.1079
Hunter-Lab	90.2833, -11.3424, 43.3420

Details

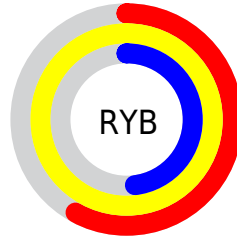
The XYZ color **74.1757, 81.5108, 30.2360** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.8983, 31.0015, 98.6993**, and the grayscale version is **73.7303, 77.5701, 84.4738**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **39.9592, 44.4056, 12.0953** is the 20% darker color. If you saturate the color by 10%, you get **71.6661, 78.6972, 22.6010**, and if you desaturate by 10%, it is **77.1297, 84.5499, 40.0658**.

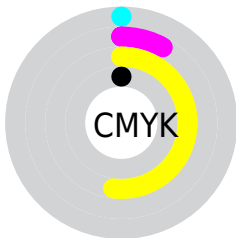
Distribution



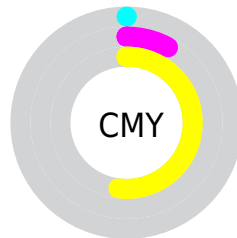
- Red (100%)
- Green (92%)
- Blue (48%)



- Red (58%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1757, 81.5108, 30.2360 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 74.1757, 81.5108, 30.2360 by changing the saturation by 10% instead.


 74.1757, 81.5108,
30.2360

 74.1757, 81.5108,
30.2360


464.1205,
500.0099, 317.2444


 55.2296, 60.9624,
19.7642


 124.1390,
135.4878, 61.1006

 39.8202, 44.1948,
12.0414


 155.8870,
169.6851, 82.3305

 27.5820, 30.8237,
6.6490


 192.6329,
209.2009, 107.9835

 18.1496, 20.4646,
3.1685

234.7423,
254.4194, 138.4782

 11.1578, 12.7332,
1.1813

282.5804,
305.7252, 174.2331

 6.2411, 7.2451,
0.0000

336.5125,

 3.0343, 3.6159,

363.5026, 215.6668

0.0000

396.9041,
428.1361, 263.1977

■ 1.1719, 1.4611,
0.0000

■ 0.0840, 0.2611,
0.0000

■ 74.1757, 81.5108,
30.2360

■ 74.1757, 81.5108,
30.2360

■ 71.6661, 78.6972,
22.6010

■ 77.1297, 84.5499,
40.0658

■ 69.5619, 76.0840,
16.9811

■ 80.5520, 87.8153,
52.2412

■ 67.8264, 73.6595,
13.1766

■ 84.4717, 91.3218,
66.9055

■ 66.4133, 71.4048,
10.9441

■ 88.9137, 95.0796,
84.1890

■ 65.4765, 69.7331,
10.0089

■ 93.9011, 99.0984,
104.2131

■ 95.0499, 99.9999,
108.9000

Harmonies

Analogous

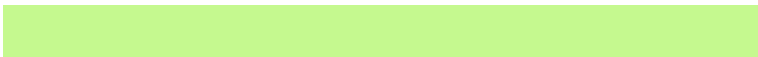
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1354, 81.5108, 33.2409



74.1757, 81.5108, 30.2360



61.7587, 81.5108, 38.4724

Triad

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



74.1757, 81.5108, 30.2360



56.9932, 81.5108, 146.5482



106.4337, 81.5108, 124.5635

Complementary

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



74.1757, 81.5108, 30.2360



35.8983, 31.0015, 98.6993

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.



95.6509, 81.5108, 170.5216



74.1757, 81.5108, 30.2360



66.8761, 81.5108, 185.7636

Square

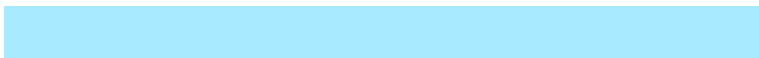
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1757, 81.5108, 30.2360



52.6824, 81.5108, 98.6825



80.8678, 81.5108, 195.6989



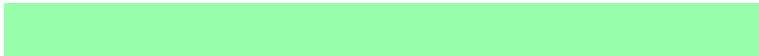
109.0292, 81.5108, 79.5100

Rectangle

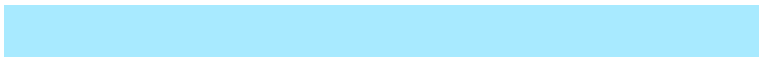
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1757, 81.5108, 30.2360



56.1658, 81.5108, 51.4317



80.8678, 81.5108, 195.6989



103.5857, 81.5108, 140.7951

Sweetspot

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



74.1776, 81.5146, 30.2377



87.1430, 93.6049, 77.2270



53.2468, 37.1986, 30.8270



18.4562, 19.8696, 15.7669



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

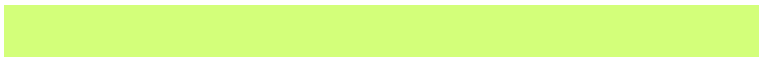
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1776, 81.5146, 30.2377



71.4734, 78.4691, 22.0512



66.0417, 86.7248, 31.6721



19.3027, 20.5735, 19.0981



34.3045, 36.6202, 5.2604



3.4028, 3.6909, 0.5331

Inverse Universe

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



35.8983, 31.0015, 98.6993



29.3835, 22.9810, 97.4948



40.8061, 29.2831, 98.1089



17.2345, 17.8406, 22.7852



9.9006, 4.7107, 49.8220



1.0275, 0.5858, 4.8722

Previews

White Background



This preview shows how the XYZ color 74.1757, 81.5108, 30.2360 looks on a white background.

Color Contrast Check

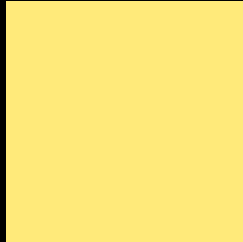
Large Text (above 18pt) WCAG AA × Fail

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 74.1757, 81.5108, 30.2360 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 74.1757, 81.5108, 30.2360

Background



This preview shows how black text looks on a background with the XYZ color 74.1757, 81.5108, 30.2360.



This preview shows how white text looks on a background with the XYZ color 74.1757, 81.5108,

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

74.1757, 81.5108, 30.2360

Protanopia

74.8943, 81.3440, 35.4205

Deuteranopia

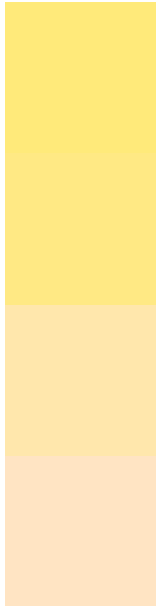
79.6846, 81.4688, 66.1688



Tritanopia

83.3055, 81.1666, 90.6329

Trichromacy



Original Color

74.1757, 81.5108, 30.2360

Protanomaly

74.5438, 81.2038, 33.5748

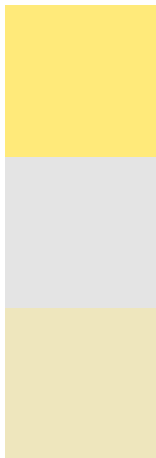
Deuteranomaly

77.2623, 81.3904, 50.6675

Tritanomaly

78.8337, 80.6869, 63.0489

Monochromacy



Original Color

74.1757, 81.5108, 30.2360

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.7420, 78.4449, 59.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1757, 81.5108, 30.2360 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, 234, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 122)  
}
```

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, 234, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 122) }
```

Border

The CSS property to change the border of an element to XYZ 74.1757, 81.5108, 30.2360 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, 234, 122) }
```


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

```
.border{ border-color:rgb(255, 234, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 234, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 234, 122); box-shadow:4px 4px 4px 4px rgb(255, 234, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1757, 81.5108, 30.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 122) }
```

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

```
.background{ background-color: rgb(255,  
234, 122) }
```

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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