

Converting Colors

XYZ(72.4399, 78.9925, 31.2524)

Have a look what the booklet for
XYZ(72.4399, 78.9925, 31.2524)
contains.

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Color

**XYZ(72.2076, 78.7954,
31.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE67E
RGB	252, 230, 126
RGB Percent	99%, 90%, 49%
CMY	0.0118, 0.0980, 0.5059
CMYK	0.00, 0.09, 0.50, 0.01
HSL	50°, 95%, 74%
HSV	50°, 50%, 99%
XYZ	72.2076, 78.7954, 31.1420
YIQ	224.7220, 46.4960, -27.6800

Conversions

Conversions Part 2

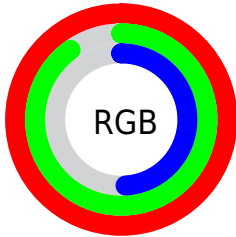
Format	Color
RYB	153, 252, 126
Decimal	16574078
CIELab	91.14, -5.59, 52.95
CIELCh	91, 53.248, 96.022
Yxy	78.7954, 0.3964, 0.4326
Android (android.graphics.Color)	4294764158 (0xFFFC67E)
YUV	224.7220, -48.6699, 23.9228
Hunter-Lab	88.7668, -10.1405, 41.3361

Details

The XYZ color **72.2076, 78.7954, 31.1420** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.7646, 32.6428, 96.4582**, and the grayscale version is **71.6851, 75.4183, 82.1306**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **38.5249, 42.4784, 12.4720** is the 20% darker color. If you saturate the color by 10%, you get **69.5739, 75.8107, 23.2274**, and if you desaturate by 10%, it is **75.2855, 82.0130, 41.2268**.

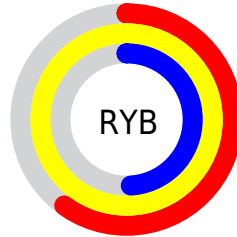
Distribution



Red (99%)

Green (90%)

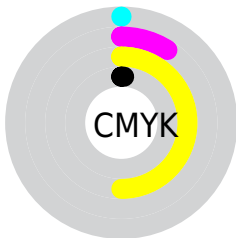
Blue (49%)



Red (60%)

Yellow (99%)

Blue (49%)

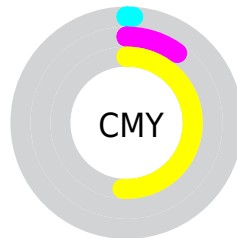


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (1%)



Cyan (1%)

Magenta (10%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2076, 78.7954, 31.1420 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 72.2076, 78.7954, 31.1420 by changing the saturation by 10% instead.

72.2076, 78.7954,
31.1420

72.2076, 78.7954,
31.1420

457.4103,
490.8639, 321.5634

53.6143, 58.7276,
20.4476

121.3608,
131.6708, 62.5458

38.5229, 42.3939,
12.5335

152.6515,
165.2472, 84.0922

26.5678, 29.4098,
6.9812

188.9054,
204.0952, 110.0932

17.3838, 19.3911,
3.3721

230.4879,
248.5993, 140.9671

10.6055, 11.9532,
1.2876

277.7642,
299.1438, 177.1325

5.8676, 6.7118,
0.0516

331.0999,

2.8046, 3.2825,

356.1131, 219.0080

0.0000

390.8601,
419.8917, 267.0121

■ 1.0513, 1.2810,
0.0000

■ 0.0000, 0.1264,
0.0000

■ 72.2076, 78.7954,
31.1420

■ 72.2076, 78.7954,
31.1420

■ 69.5739, 75.8107,
23.2274

■ 75.2855, 82.0130,
41.2268

■ 67.3472, 73.0350,
17.3130

■ 78.8303, 85.4643,
53.6251

■ 65.4932, 70.4571,
13.2111

■ 82.8698, 89.1635,
68.4736

■ 63.9689, 68.0594,
10.6965

■ 87.4277, 93.1206,
85.8967

■ 62.7038, 65.8134,
9.3985

■ 92.5264, 97.3448,
106.0107

■ 62.7036, 65.8131,
9.3984

■ 93.9548, 99.4354,
108.8487

Harmonies

Analogous

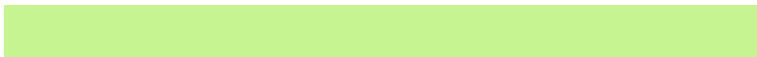
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9213, 78.7954, 34.2923



72.2076, 78.7954, 31.1420



60.6673, 78.7954, 38.6915

Triad

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



72.2076, 78.7954, 31.1420



55.8336, 78.7954, 137.2413



101.1439, 78.7954, 119.6150

Complementary

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



72.2076, 78.7954, 31.1420



36.7646, 32.6428, 96.4582

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.



91.1841, 78.7954, 160.8771



72.2076, 78.7954, 31.1420



64.8506, 78.7954, 173.0056

Square

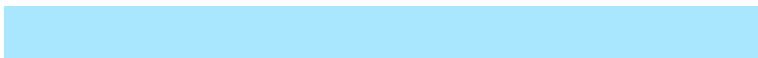
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2076, 78.7954, 31.1420



51.9711, 78.7954, 93.8161



77.6435, 78.7954, 182.7489



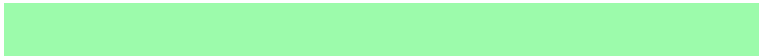
103.7223, 78.7954, 78.2442

Rectangle

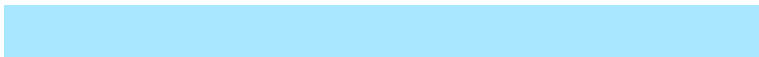
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2076, 78.7954, 31.1420



55.3989, 78.7954, 50.6520



77.6435, 78.7954, 182.7489



98.4945, 78.7954, 134.2970

Sweetspot

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



72.2095, 78.7991, 31.1436



87.3988, 93.5905, 78.9337



53.0390, 37.7911, 32.9756



18.4982, 19.8500, 16.1001



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

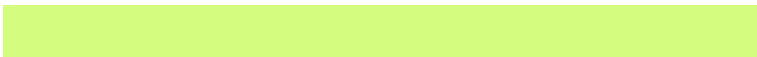
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2095, 78.7991, 31.1436



71.4624, 77.8676, 23.8339



65.7568, 85.1391, 32.7074



18.4545, 19.6449, 18.2816



32.7604, 34.4775, 4.9282



3.0996, 3.3241, 0.4783

Inverse Universe

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



36.7646, 32.6428, 96.4582



31.3412, 25.6681, 97.9103



40.7372, 30.0472, 95.7478



16.5279, 17.1327, 21.8211



9.6949, 4.7454, 48.3785



0.9638, 0.5712, 4.5026

Previews

White Background



This preview shows how the XYZ color 72.2076, 78.7954, 31.1420 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 72.2076, 78.7954, 31.1420 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 72.2076, 78.7954, 31.1420

Background



This preview shows how black text looks on a background with the XYZ color 72.2076, 78.7954, 31.1420.



This preview shows how white text looks on a background with the XYZ color 72.2076, 78.7954,

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

72.2076, 78.7954, 31.1420

Protanopia

72.5707, 78.9826, 31.1589

Deuteranopia

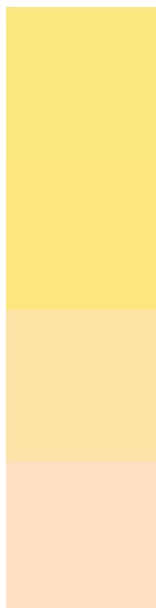
77.4595, 78.8281, 59.8480



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

72.2076, 78.7954, 31.1420

Protanomaly

72.5707, 78.9826, 31.1589

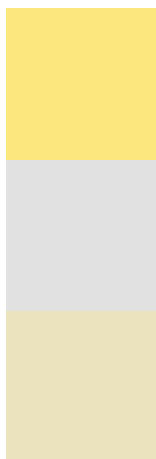
Deuteranomaly

75.3172, 78.7990, 47.7993

Tritanomaly

77.2663, 78.2772, 62.0756

Monochromacy



Original Color

72.2076, 78.7954, 31.1420

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.9153, 76.2745, 59.1289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2076, 78.7954, 31.1420 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(252, 230, 126)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 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(252, 230, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 126) }
```

Border

The CSS property to change the border of an element to XYZ 72.2076, 78.7954, 31.1420 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(252, 230, 126) }
```


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

```
.border{ border-color:rgb(252, 230, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 126);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2076, 78.7954, 31.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 126) }
```

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

```
.background{ background-color: rgb(252,  
230, 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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