

Converting Colors

XYZ(75.0274, 82.7645, 31.9067)

Have a look what the booklet for
XYZ(75.0274, 82.7645, 31.9067)
contains.

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Color

**XYZ(75.0013, 82.7573,
31.7594)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEC7E |
| RGB | 255, 236, 126 |
| RGB Percent | 100%, 93%, 49% |
| CMY | 0.0000, 0.0745, 0.5059 |
| CMYK | 0.00, 0.07, 0.51, 0.00 |
| HSL | 51°, 100%, 75% |
| HSV | 51°, 51%, 100% |
| XYZ | 75.0013, 82.7573, 31.7594 |
| YIQ | 229.1410, 46.6340, -30.1820 |

Conversions

Conversions Part 2

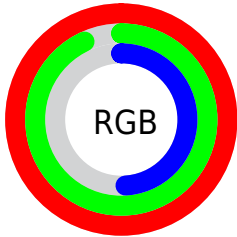
| Format | Color |
|-------------------------------------|---|
| RYB | 148, 255, 126 |
| Decimal | 16772222 |
| CIELab | 92.91, -7.39, 55.13 |
| CIELCh | 93, 55.628, 97.635 |
| Yxy | 82.7573, 0.3957, 0.4367 |
| Android (android.graphics.Color) | 4294962302 (0xFFFFE7E) |
| YUV | 229.1410, -50.8485, 22.6783 |
| Hunter-Lab | 90.9710, -12.0345, 42.9807 |

Details

The XYZ color **75.0013, 82.7573, 31.7594** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.7793, 31.9053, 98.8271**, and the grayscale version is **74.9204, 78.8221, 85.8373**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **40.2888, 44.8593, 12.8386** is the 20% darker color. If you saturate the color by 10%, you get **72.4922, 80.0452, 23.8142**, and if you desaturate by 10%, it is **77.9565, 85.6903, 41.9239**.

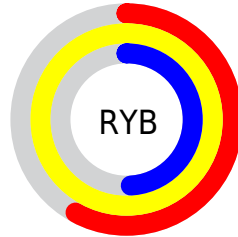
Distribution



Red (100%)

Green (93%)

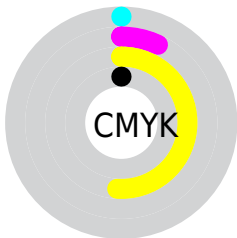
Blue (49%)



Red (58%)

Yellow (100%)

Blue (49%)

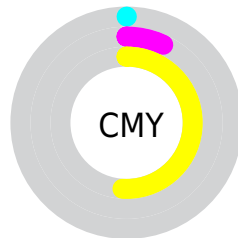


Cyan (0%)

Magenta (7%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0013, 82.7573, 31.7594 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 75.0013, 82.7573, 31.7594 by changing the saturation by 10% instead.


 75.0013, 82.7573,
31.7594

 75.0013, 82.7573,
31.7594


466.9191,
504.1773, 324.4807


 55.9081, 61.9900,
20.9145


 125.3021,
137.2355, 63.5272

 40.3660, 45.0246,
12.8709


 157.2404,
171.7151, 85.2872

 28.0095, 31.4768,
7.2100


 194.1912,
211.5343, 111.5227

 18.4733, 20.9622,
3.5134

236.5198,
257.0774, 142.6522

 11.3921, 13.0964,
1.3624

284.5915,
308.7289, 179.0941

 6.4004, 7.4949,
0.1121

338.7718,

 3.1330, 3.7735,

366.8731, 221.2672

0.0000

399.4258,
431.8944, 269.5898

■ 1.2245, 1.5477,
0.0000

■ 0.1256, 0.3219,
0.0000

■ 75.0013, 82.7573,
31.7594

■ 75.0013, 82.7573,
31.7594

■ 72.4922, 80.0452,
23.8142

■ 77.9565, 85.6903,
41.9239

■ 70.3905, 77.5291,
17.9118

■ 81.3810, 88.8446,
54.4560

■ 68.6608, 75.1978,
13.8575

■ 85.3035, 92.2349,
69.4969

■ 67.2582, 73.0330,
11.4162

■ 89.7486, 95.8712,
87.1755

■ 66.1701, 71.1205,
10.2401

94.7392, 99.7629,
107.6118

95.0498, 99.9999,
108.9000

Harmonies

Analogous

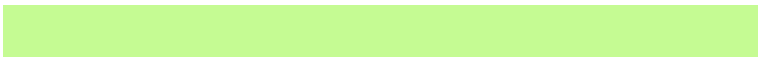
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7855, 82.7573, 34.4854



75.0013, 82.7573, 31.7594



62.7890, 82.7573, 40.4036

Triad

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



75.0013, 82.7573, 31.7594



58.5269, 82.7573, 148.3902



107.4555, 82.7573, 124.1454

Complementary

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



75.0013, 82.7573, 31.7594



36.7793, 31.9053, 98.8271

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.



96.9988, 82.7573, 169.5712



75.0013, 82.7573, 31.7594



68.4907, 82.7573, 186.3120

Square

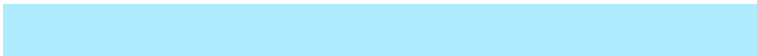
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0013, 82.7573, 31.7594



54.0708, 82.7573, 101.1730



82.4323, 82.7573, 195.0705



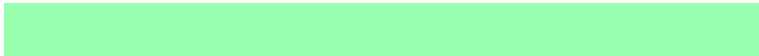
109.7562, 82.7573, 79.8818

Rectangle

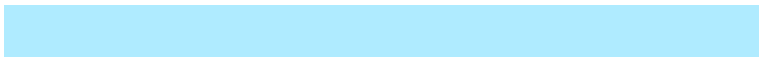
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0013, 82.7573, 31.7594



57.3243, 82.7573, 53.6778



82.4323, 82.7573, 195.0705



104.7205, 82.7573, 140.1368

Sweetspot

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



75.0033, 82.7612, 31.7611



87.7215, 94.2360, 79.0412



53.8391, 38.2376, 31.4737



18.5766, 20.0069, 16.1263



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.



75.0033, 82.7612, 31.7611



72.3979, 79.9378, 23.5313



66.0617, 86.7058, 32.9938



19.3199, 20.6080, 19.1038



34.6623, 37.3357, 5.3796



3.4343, 3.7540, 0.5436

Inverse Universe

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



36.7793, 31.9053, 98.8271



30.2477, 23.9038, 97.6274



42.3388, 30.8174, 98.3241



17.2188, 17.8092, 22.7799



9.8505, 4.6106, 49.8053



1.0202, 0.5711, 4.8697

Previews

White Background



This preview shows how the XYZ color 75.0013, 82.7573, 31.7594 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 75.0013, 82.7573, 31.7594 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 75.0013, 82.7573, 31.7594

Background



This preview shows how black text looks on a background with the XYZ color 75.0013, 82.7573, 31.7594.



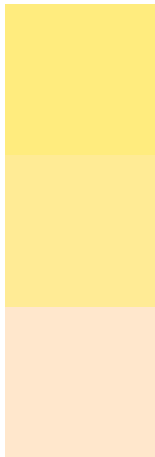
This preview shows how white text looks on a background with the XYZ color 75.0013, 82.7573,

31.7594.

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

75.0013, 82.7573, 31.7594

Protanopia

76.3731, 82.8466, 40.3995

Deuteranopia

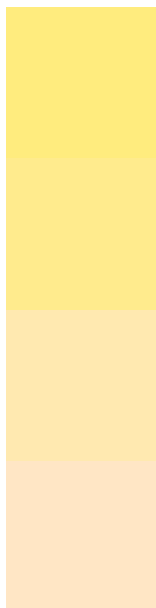
80.7150, 82.7715, 68.8491



Tritanopia

84.1417, 82.3712, 92.3534

Trichromacy



Original Color

75.0013, 82.7573, 31.7594

Protanomaly

75.7560, 82.5997, 37.1499

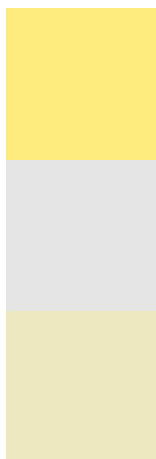
Deuteranomaly

78.2154, 82.6724, 52.9093

Tritanomaly

79.6149, 81.8848, 64.4325

Monochromacy



Original Color

75.0013, 82.7573, 31.7594

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.6309, 79.6961, 61.3713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0013, 82.7573, 31.7594 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, 236, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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(255, 236, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 126) }
```

Border

The CSS property to change the border of an element to XYZ 75.0013, 82.7573, 31.7594 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, 236, 126) }
```


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

```
.border{ border-color:rgb(255, 236, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 236, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 236, 126); box-shadow:4px 4px 4px 4px rgb(255, 236, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0013, 82.7573, 31.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 126) }
```

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

```
.background{ background-color: rgb(255,  
236, 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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