

Converting Colors

XYZ(71.9864, 77.3408, 35.9451)

Have a look what the booklet for
XYZ(71.9864, 77.3408, 35.9451)
contains.

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Color

**XYZ(71.9864, 77.3408,
35.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE38C
RGB	251, 227, 140
RGB Percent	98%, 89%, 55%
CMY	0.0157, 0.1098, 0.4510
CMYK	0.00, 0.10, 0.44, 0.02
HSL	47°, 93%, 77%
HSV	47°, 44%, 98%
XYZ	71.9864, 77.3408, 35.9451
YIQ	224.2580, 42.2310, -21.9690

Conversions

Conversions Part 2

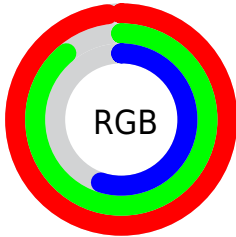
Format	Color
RYB	171, 251, 140
Decimal	16507788
CIELab	90.48, -3.19, 45.36
CIElCh	90, 45.469, 94.027
Yxy	77.3408, 0.3885, 0.4174
Android (android.graphics.Color)	4294697868 (0xFFFBE38C)
YUV	224.2580, -41.5392, 23.4527
Hunter-Lab	87.9436, -7.7899, 37.3270

Details

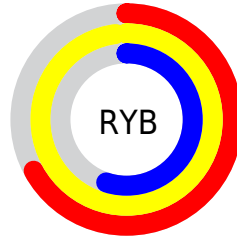
The XYZ color **71.9864, 77.3408, 35.9451** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.5030, 39.0902, 96.6245**, and the grayscale version is **71.3045, 75.0178, 81.6944**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **38.5063, 41.5471, 15.2224** is the 20% darker color. If you saturate the color by 10%, you get **68.8826, 73.7648, 26.7978**, and if you desaturate by 10%, it is **75.5629, 81.1864, 47.3342**.

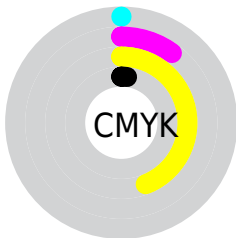
Distribution



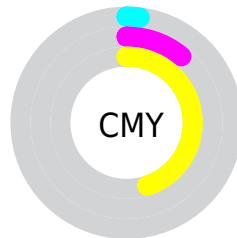
- Red (98%)
- Green (89%)
- Blue (55%)



- Red (67%)
- Yellow (98%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9864, 77.3408, 35.9451 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 71.9864, 77.3408, 35.9451 by changing the saturation by 10% instead.


 71.9864, 77.3408,
35.9451

 71.9864, 77.3408,
35.9451


456.6526,
485.9252, 343.7507


 53.4330, 57.5326,
24.1024


 121.0481,
129.6204, 70.1154

 38.3774, 41.4330,
15.1967


 152.2871,
162.8607, 93.2801

 26.4543, 28.6576,
8.8094


 188.4853,
201.3471, 121.0560

 17.2983, 18.8220,
4.5220

230.0082,
245.4641, 153.8615

 10.5440, 11.5417,
1.9158

277.2210,
295.5960, 192.1151

 5.8261, 6.4324,
0.5028

330.4891,

 2.7793, 3.1098,

352.1272, 236.2355

0.0000

390.1778,
415.4421, 286.6412

■ 1.0381, 1.1893,
0.0000

■ 0.0000, 0.0529,
0.0000

■ 71.9864, 77.3408,
35.9451

■ 71.9864, 77.3408,
35.9451

■ 68.8826, 73.7648,
26.7978

■ 75.5629, 81.1864,
47.3342

■ 66.2163, 70.4352,
19.7342

■ 79.6332, 85.3021,
61.0992

■ 63.9562, 67.3415,
14.5833

■ 84.2238, 89.7021,
77.3691

■ 62.0639, 64.4677,
11.1446

■ 89.3576, 94.3962,
96.2626

■ 60.4924, 61.7943,
9.1728

■ 93.3183, 98.6985,
108.7401

■ 59.6916, 60.3251,
8.4978

■ 93.5937, 99.2492,
108.8318

Harmonies

Analogous

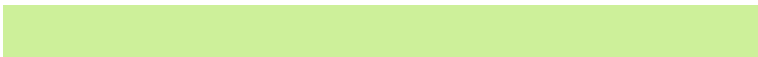
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4996, 77.3408, 39.5547



71.9864, 77.3408, 35.9451



61.9495, 77.3408, 42.2698

Triad

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



71.9864, 77.3408, 35.9451



56.8490, 77.3408, 124.3021



94.9529, 77.3408, 114.6937

Complementary

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



71.9864, 77.3408, 35.9451



41.5030, 39.0902, 96.6245

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.



86.4263, 77.3408, 147.4416



71.9864, 77.3408, 35.9451



64.3509, 77.3408, 153.9176

Square

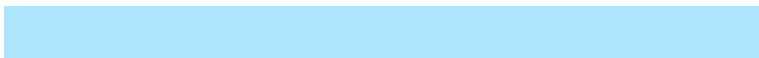
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9864, 77.3408, 35.9451



53.7988, 77.3408, 88.6822



75.0552, 77.3408, 163.3191



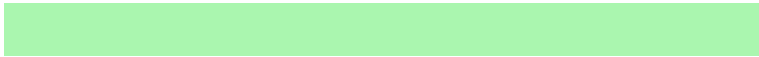
97.5291, 77.3408, 79.8927

Rectangle

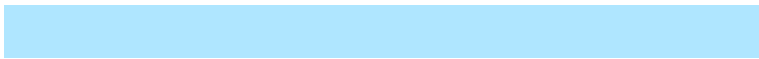
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9864, 77.3408, 35.9451



57.2083, 77.3408, 52.5443



75.0552, 77.3408, 163.3191



92.6473, 77.3408, 126.5722

Sweetspot

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



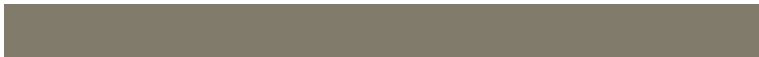
71.9883, 77.3444, 35.9467



87.9212, 93.5588, 82.4266



55.8676, 41.9483, 40.2989



18.5803, 19.8025, 16.7805



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.



71.9883, 77.3444, 35.9467



71.7591, 76.8885, 28.7805



68.6104, 86.0335, 37.8019



18.3903, 19.5165, 18.2602



31.4877, 31.9320, 4.5039



2.9926, 3.1100, 0.4426

Inverse Universe

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



41.5030, 39.0902, 96.6245



36.5326, 32.7177, 98.9974



43.6842, 34.4307, 95.6102



16.5871, 17.2511, 21.8409



9.9385, 5.2325, 48.4597



0.9946, 0.6328, 4.5129

Previews

White Background



This preview shows how the XYZ color 71.9864, 77.3408, 35.9451 looks on a white background.

Color Contrast Check

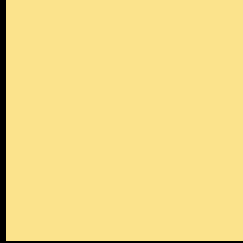
Large Text (above 18pt) WCAG AA × Fail

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 71.9864, 77.3408, 35.9451 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 71.9864, 77.3408, 35.9451

Background



This preview shows how black text looks on a background with the XYZ color 71.9864, 77.3408, 35.9451.



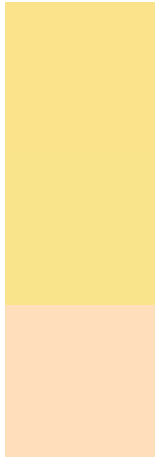
This preview shows how white text looks on a background with the XYZ color 71.9864, 77.3408,

35.9451.

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

71.9864, 77.3408, 35.9451

Protanopia

71.5439, 77.5200, 36.0030

Deuteranopia

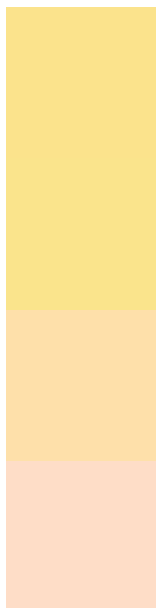
76.3309, 77.0904, 57.8706



Tritanopia

80.8769, 77.2290, 86.9879

Trichromacy



Original Color

71.9864, 77.3408, 35.9451

Protanomaly

71.9014, 77.7042, 36.0198

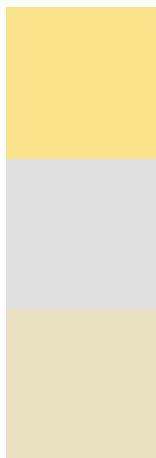
Deuteranomaly

74.7844, 77.2844, 49.0060

Tritanomaly

77.0383, 76.9073, 64.8171

Monochromacy



Original Color

71.9864, 77.3408, 35.9451

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.4825, 75.1931, 61.2510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9864, 77.3408, 35.9451 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(251, 227, 140)` looks like.

```
.text, #text, p{  
    color:rgb(251, 227, 140)  
}
```

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(251, 227, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 140) }
```

Border

The CSS property to change the border of an element to XYZ 71.9864, 77.3408, 35.9451 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(251, 227, 140) }
```


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

```
.border{ border-color:rgb(251, 227, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 227, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 140);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9864, 77.3408, 35.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 140) }
```

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

```
.background{ background-color: rgb(251,  
227, 140) }
```

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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