

Converting Colors

XYZ(74.7637, 80.7977, 38.0406)

Have a look what the booklet for
XYZ(74.7637, 80.7977, 38.0406)
contains.

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Color

**XYZ(74.7637, 80.7977,
38.0406)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE890
RGB	254, 232, 144
RGB Percent	100%, 91%, 56%
CMY	0.0039, 0.0902, 0.4353
CMYK	0.00, 0.09, 0.43, 0.00
HSL	48°, 98%, 78%
HSV	48°, 43%, 100%
XYZ	74.7637, 80.7977, 38.0406
YIQ	228.5460, 41.3600, -22.7040

Conversions

Conversions Part 2

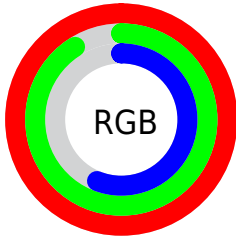
Format	Color
RYB	172, 254, 144
Decimal	16705680
CIELab	92.04, -4.14, 45.42
CIElCh	92, 45.606, 95.214
Yxy	80.7977, 0.3862, 0.4173
Android (android.graphics.Color)	4294895760 (0xFFFE890)
YUV	228.5460, -41.6812, 22.3232
Hunter-Lab	89.8875, -8.8363, 37.8296

Details

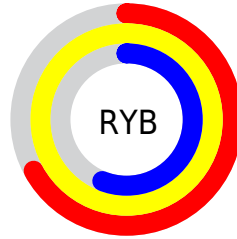
The XYZ color **74.7637, 80.7977, 38.0406** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.0268, 40.3561, 99.2875**, and the grayscale version is **74.4195, 78.2951, 85.2633**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **40.4189, 43.9528, 16.4786** is the 20% darker color. If you saturate the color by 10%, you get **71.6283, 77.2920, 28.4715**, and if you desaturate by 10%, it is **78.3811, 84.5682, 49.9267**.

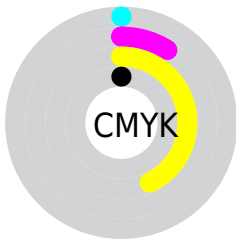
Distribution



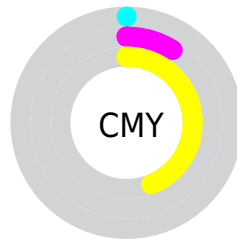
- Red (100%)
- Green (91%)
- Blue (56%)



- Red (67%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (43%)
- Black (0%)




- Cyan (0%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7637, 80.7977, 38.0406 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 74.7637, 80.7977, 38.0406 by changing the saturation by 10% instead.


 74.7637, 80.7977,
38.0406


 74.7637, 80.7977,
38.0406


466.1147,
497.6171, 353.0975

 55.7128, 60.3750,
25.7121


 124.9675,
134.4867, 73.3745

 40.2088, 43.7210,
16.3846


 156.8512,
168.5217, 97.2170

 27.8863, 30.4512,
9.6394


193.7431,
207.8631, 125.7345

 18.3800, 20.1813,
5.0581

236.0087,
252.8950, 159.3457

 11.3245, 12.5269,
2.2220

284.0133,
304.0020, 198.4691

 6.3544, 7.1036,
0.6870

338.1222,

 3.1045, 3.5270,

361.5684, 243.5231

0.0000

398.7009,
425.9786, 294.9264

■ 1.2092, 1.4126,
0.0000

■ 0.1137, 0.2260,
0.0000

■ 74.7637, 80.7977,
38.0406

■ 74.7637, 80.7977,
38.0406

■ 71.6283, 77.2920,
28.4715

■ 78.3811, 84.5682,
49.9267

■ 68.9391, 74.0274,
21.0583

■ 82.5018, 88.6037,
64.2667

■ 66.6642, 70.9935,
15.6269

■ 87.1530, 92.9186,
81.1925

■ 64.7648, 68.1742,
11.9739

■ 92.3578, 97.5227,
100.8252

■ 63.1936, 65.5501,
9.8522

94.6830, 99.8108,
108.8828

■ 62.2796, 63.8840,
9.0484

Harmonies

Analogous

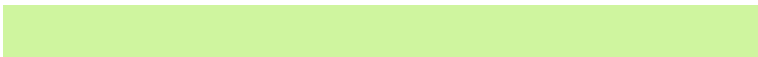
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6481, 80.7977, 41.3849



74.7637, 80.7977, 38.0406



64.5068, 80.7977, 45.0392

Triad

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



74.7637, 80.7977, 38.0406



59.7981, 80.7977, 130.7418



99.1544, 80.7977, 117.9394

Complementary

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



74.7637, 80.7977, 38.0406



43.0268, 40.3561, 99.2875

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.



90.5541, 80.7977, 152.0298



74.7637, 80.7977, 38.0406



67.7201, 80.7977, 160.6433

Square

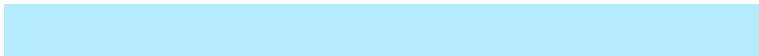
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7637, 80.7977, 38.0406



56.4473, 80.7977, 93.9784



78.8644, 80.7977, 169.2871



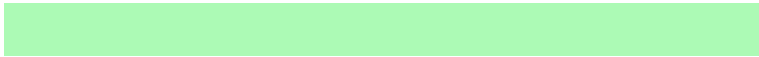
101.5268, 80.7977, 82.2328

Rectangle

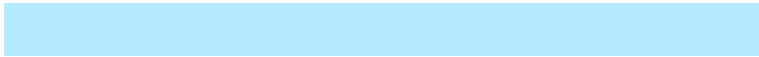
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7637, 80.7977, 38.0406



59.7164, 80.7977, 56.0201



78.8644, 80.7977, 169.2871



96.8559, 80.7977, 130.2279

Sweetspot

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



74.7657, 80.8014, 38.0423



88.0866, 93.8896, 82.4817



57.7297, 43.7713, 41.4834



18.6215, 19.8848, 16.7942



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.



74.7657, 80.8014, 38.0423



72.6554, 78.4306, 29.8518



70.2949, 88.2694, 39.7194



19.2346, 20.4373, 19.0754



32.9418, 33.8949, 4.8061



3.2821, 3.4496, 0.4929

Inverse Universe

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



43.0268, 40.3561, 99.2875



36.8664, 32.8540, 99.0061



45.9949, 36.4504, 98.3771



17.2971, 17.9657, 22.8060



10.1323, 5.1742, 49.8993



1.0590, 0.6487, 4.8827

Previews

White Background



This preview shows how the XYZ color 74.7637, 80.7977, 38.0406 looks on a white background.

Color Contrast Check

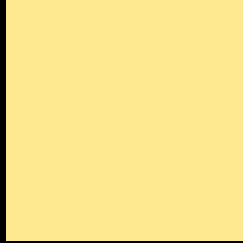
Large Text (above 18pt) WCAG AA × Fail

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 74.7637, 80.7977, 38.0406 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 74.7637, 80.7977, 38.0406

Background



This preview shows how black text looks on a background with the XYZ color 74.7637, 80.7977, 38.0406.



This preview shows how white text looks on a background with the XYZ color 74.7637, 80.7977,

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

74.7637, 80.7977, 38.0406

Protanopia

74.3987, 80.6095, 38.0235

Deuteranopia

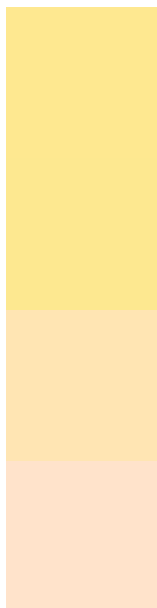
79.2922, 80.8703, 65.4632



Tritanopia

83.0360, 80.6274, 90.5431

Trichromacy



Original Color

74.7637, 80.7977, 38.0406

Protanomaly

74.3987, 80.6095, 38.0235

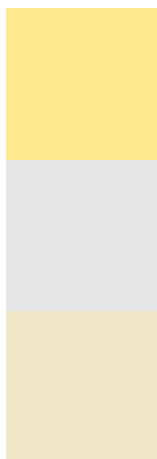
Deuteranomaly

77.3960, 80.5533, 54.1170

Tritanomaly

79.4886, 80.5100, 67.8504

Monochromacy



Original Color

74.7637, 80.7977, 38.0406

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.7498, 78.8480, 64.7582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7637, 80.7977, 38.0406 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(254, 232, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 144)  
}
```

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(254, 232, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 144) }
```

Border

The CSS property to change the border of an element to XYZ 74.7637, 80.7977, 38.0406 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(254, 232, 144) }
```


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

```
.border{ border-color:rgb(254, 232, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7637, 80.7977, 38.0406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 144) }
```

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

```
.background{ background-color: rgb(254,  
232, 144) }
```

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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