

Converting Colors

XYZ(77.3592, 85.5651, 38.4271)

Have a look what the booklet for
XYZ(77.3592, 85.5651, 38.4271)
contains.

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Color

**XYZ(77.3580, 85.5633,
38.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF08F
RGB	255, 240, 143
RGB Percent	100%, 94%, 56%
CMY	0.0000, 0.0588, 0.4392
CMYK	0.00, 0.06, 0.44, 0.00
HSL	52°, 100%, 78%
HSV	52°, 44%, 100%
XYZ	77.3580, 85.5633, 38.4248
YIQ	233.4270, 40.0770, -26.9870

Conversions

Conversions Part 2

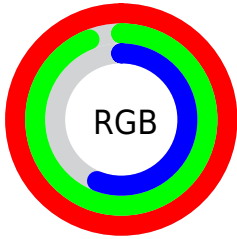
Format	Color
R_{YB}	160, 255, 143
Decimal	16773263
CIE _{Lab}	94.13, -7.85, 48.54
CIE _{LCh}	94, 49.167, 99.185
Yxy	85.5633, 0.3842, 0.4250
Android (android.graphics.Color)	4294963343 (0xFFFFF08F)
YUV	233.4270, -44.5805, 18.9195
Hunter-Lab	92.5004, -12.5964, 40.1212

Details

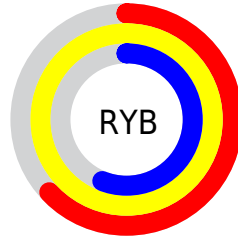
The XYZ color **77.3580, 85.5633, 38.4248** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.6044, 37.5123, 99.6554**, and the grayscale version is **78.0803, 82.1466, 89.4576**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **41.7509, 46.7549, 16.4970** is the 20% darker color. If you saturate the color by 10%, you get **74.6469, 82.8890, 29.0499**, and if you desaturate by 10%, it is **80.5313, 88.4589, 50.1217**.

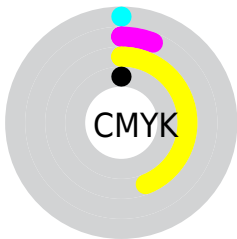
Distribution



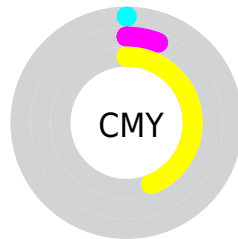
- Red (100%)
- Green (94%)
- Blue (56%)



- Red (63%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3580, 85.5633, 38.4248 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 77.3580, 85.5633, 38.4248 by changing the saturation by 10% instead.

77.3580, 85.5633,
38.4248

77.3580, 85.5633,
38.4248

474.8570,
513.4902, 354.7914

57.8477, 64.3069,
26.0082

128.6149,
141.1599, 73.9694

41.9290, 46.8993,
16.6039

161.0922,
176.2690, 97.9345

29.2366, 32.9561,
9.7935

198.6225,
216.7643, 126.5861

19.4050, 22.0928,
5.1585

241.5712,
263.0304, 160.3428

12.0690, 13.9251,
2.2802

290.3036,
315.4517, 199.6232

6.8633, 8.0686,
0.7201

345.1852,

3.4223, 4.1389,

374.4125, 244.8457

0.0000

406.5812,
440.2971, 296.4289

■ 1.3808, 1.7515,
0.0000

■ 0.2425, 0.4567,
0.0000

■ 77.3580, 85.5633,
38.4248

■ 77.3580, 85.5633,
38.4248

■ 74.6469, 82.8890,
29.0499

■ 80.5313, 88.4589,
50.1217

■ 72.3615, 80.4120,
21.8331

■ 84.1879, 91.5752,
64.2792

■ 70.4697, 78.1224,
16.5973

■ 88.3551, 94.9263,
81.0312

■ 68.9323, 76.0042,
13.1353

■ 93.0563, 98.5217,
100.5004

■ 67.7009, 74.0381, 95.0499, 100.0000,
11.1935 108.9000

■ 67.0601, 72.9003,
10.5367

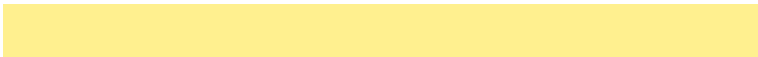
Harmonies

Analogous

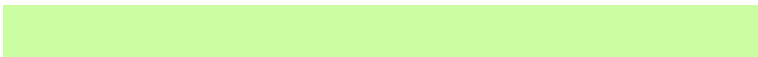
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6403, 85.5633, 40.5667



77.3580, 85.5633, 38.4248



66.3806, 85.5633, 47.5718

Triad

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



77.3580, 85.5633, 38.4248



63.2679, 85.5633, 146.7814



107.3079, 85.5633, 121.3222

Complementary

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



77.3580, 85.5633, 38.4248



41.6044, 37.5123, 99.6554

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.



98.3599, 85.5633, 161.2759



77.3580, 85.5633, 38.4248



72.6715, 85.5633, 178.5108

Square

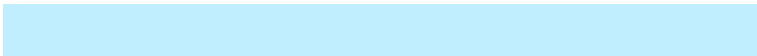
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3580, 85.5633, 38.4248



58.8421, 85.5633, 105.2001



85.4261, 85.5633, 184.4311



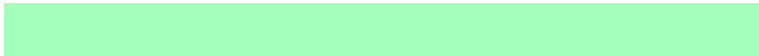
108.9104, 85.5633, 82.0827

Rectangle

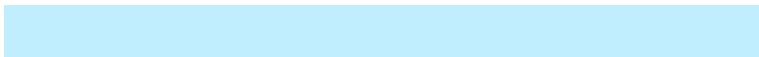
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3580, 85.5633, 38.4248



61.4953, 85.5633, 60.7889



85.4261, 85.5633, 184.4311



105.0167, 85.5633, 135.3753

Sweetspot

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



77.3601, 85.5673, 38.4266



88.7653, 95.2470, 82.7080



57.3907, 43.4369, 38.5265



18.7906, 20.2230, 16.8506



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

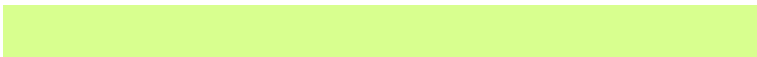
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3601, 85.5673, 38.4266



74.8784, 83.1271, 29.8202



68.9782, 88.0718, 39.3518



19.3416, 20.6514, 19.1110



35.1209, 38.2531, 5.5325



3.4746, 3.8345, 0.5570

Inverse Universe

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



41.6044, 37.5123, 99.6554



34.8552, 29.3629, 98.4383



47.2120, 36.8354, 99.2292



17.1990, 17.7697, 22.7734



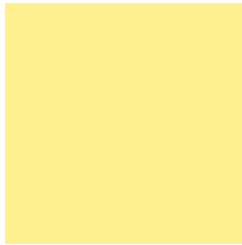
9.7922, 4.4939, 49.7859



1.0109, 0.5526, 4.8666

Previews

White Background



This preview shows how the XYZ color 77.3580, 85.5633, 38.4248 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 77.3580, 85.5633, 38.4248 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 77.3580, 85.5633, 38.4248

Background



This preview shows how black text looks on a background with the XYZ color 77.3580, 85.5633, 38.4248.



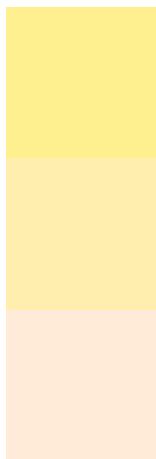
This preview shows how white text looks on a background with the XYZ color 77.3580, 85.5633,

38.4248.

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

77.3580, 85.5633, 38.4248

Protanopia

79.3574, 85.4262, 51.8415

Deuteranopia

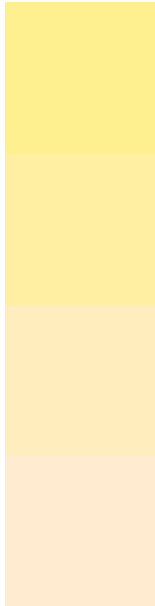
83.2141, 85.5830, 76.4233



Tritanopia

86.2743, 85.4443, 96.7393

Trichromacy



Original Color

77.3580, 85.5633, 38.4248

Protanomaly

78.6281, 85.6016, 46.5610

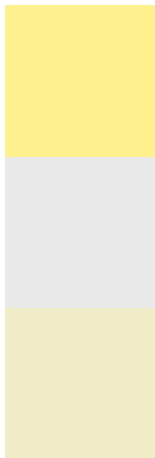
Deuteranomaly

80.7095, 85.5025, 60.3939

Tritanomaly

82.2108, 85.1817, 71.1402

Monochromacy



Original Color

77.3580, 85.5633, 38.4248

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6964, 82.8618, 66.5952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3580, 85.5633, 38.4248 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, 240, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 143)  
}
```

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, 240, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 143) }
```

Border

The CSS property to change the border of an element to XYZ 77.3580, 85.5633, 38.4248 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, 240, 143) }
```


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

```
.border{ border-color:rgb(255, 240, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 240, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3580, 85.5633, 38.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 143) }
```

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

```
.background{ background-color: rgb(255,  
240, 143) }
```

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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