

Converting Colors

XYZ(67.3460, 76.8335, 39.2982)

Have a look what the booklet for
XYZ(67.3460, 76.8335, 39.2982)
contains.

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Color

**XYZ(67.4806, 77.0071,
39.3242)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E894
RGB	232, 232, 148
RGB Percent	91%, 91%, 58%
CMY	0.0902, 0.0902, 0.4196
CMYK	0.00, 0.00, 0.36, 0.09
HSL	60°, 65%, 75%
HSV	60°, 36%, 91%
XYZ	67.4806, 77.0071, 39.3242
YIQ	222.4240, 26.9640, -26.1240

Conversions

Conversions Part 2

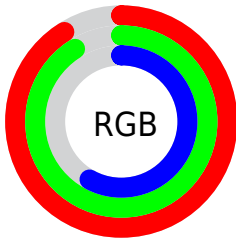
Format	Color
R_{YB}	148, 232, 148
Decimal	15263892
CIE _{Lab}	90.32, -12.25, 40.89
CIE _{LCh}	90, 42.685, 106.673
Y _{xy}	77.0071, 0.3671, 0.4189
Android (android.graphics.Color)	4293453972 (0xFFE8E894)
YUV	222.4240, -36.6910, 8.3982
Hunter-Lab	87.7537, -16.3065, 34.8585

Details

The XYZ color **67.4806, 77.0071, 39.3242** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.3709, 33.3038, 80.8070**, and the grayscale version is **69.9708, 73.6147, 80.1664**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **35.3159, 41.0092, 17.1205** is the 20% darker color. If you saturate the color by 10%, you get **65.8255, 76.3477, 30.6029**, and if you desaturate by 10%, it is **69.5076, 77.8207, 49.9871**.

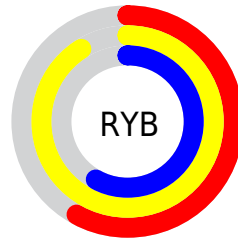
Distribution



Red (91%)

Green (91%)

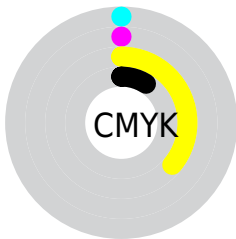
Blue (58%)



Red (58%)

Yellow (91%)

Blue (58%)

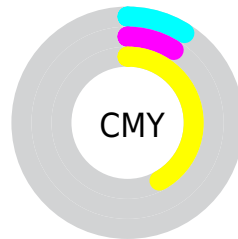


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4806, 77.0071, 39.3242 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 67.4806, 77.0071, 39.3242 by changing the saturation by 10% instead.

67.4806, 77.0071,
39.3242

67.4806, 77.0071,
39.3242

441.0592,
484.7882, 358.7339

49.7474, 57.2587,
26.7023

114.6548,
129.1495, 75.3591

35.4297, 41.2130,
17.1193

144.8265,
162.3123, 99.6092

24.1622, 28.4855,
10.1567

179.8752,
200.7153, 128.5723

15.5793, 18.6920,
5.3960

220.1660,
244.7430, 162.6672

9.3159, 11.4479,
2.4187

266.0645,
294.7798, 202.3122

5.0066, 6.3690,
0.7966

317.9360,

2.2859, 3.0707,

351.2100, 247.9260

0.0000

376.1457,
414.4180, 299.9270

■ 0.7874, 1.1688,
0.0000

■ 0.0000, 0.0360,
0.0000

■ 67.4806, 77.0071,
39.3242

■ 67.4806, 77.0071,
39.3242

■ 65.8255, 76.3477,
30.6029

■ 69.5076, 77.8207,
49.9871

■ 64.5145, 75.8233,
23.7020

■ 71.9211, 78.7861,
62.6935

■ 63.5250, 75.4274,
18.4941

■ 74.7418, 79.9145,
77.5442

■ 62.8293, 75.1491,
14.8334

■ 77.9872, 81.2127,
94.6316

■ 62.3951, 74.9753,
12.5496

■ 80.1897, 82.0938,
106.2270

■ 62.1821, 74.8900,
11.4305

■ 80.1902, 82.0940,
106.2270

■ 62.1336, 74.8707,
11.1767

■ 80.1907, 82.0943,
106.2270

■ 80.1913, 82.0946,
106.2270

■ 80.1918, 82.0949,
106.2271

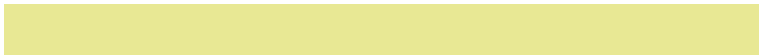
Harmonies

Analogous

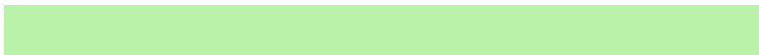
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0089, 77.0071, 38.7922



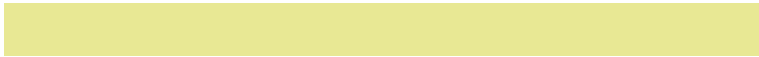
67.4806, 77.0071, 39.3242



59.3009, 77.0071, 49.7379

Triad

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



67.4806, 77.0071, 39.3242



60.0379, 77.0071, 134.0796



94.9515, 77.0071, 98.0859

Complementary

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



67.4806, 77.0071, 39.3242



37.3709, 33.3038, 80.8070

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.



89.1010, 77.0071, 130.7992



67.4806, 77.0071, 39.3242



68.5794, 77.0071, 154.7298

Square

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



67.4806, 77.0071, 39.3242



55.2976, 77.0071, 101.8001



79.2189, 77.0071, 153.4016



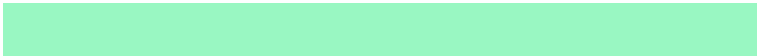
94.5843, 77.0071, 68.1405

Rectangle

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



67.4806, 77.0071, 39.3242



55.9737, 77.0071, 62.7278



79.2189, 77.0071, 153.4016



93.6244, 77.0071, 109.2441

Sweetspot

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



67.4825, 77.0106, 39.3258



90.8575, 98.3229, 86.8264



49.2164, 40.4756, 33.2366



19.3461, 21.0047, 18.0519



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.



67.4825, 77.0106, 39.3258



82.1350, 94.8337, 40.9055



55.4400, 70.8025, 38.7622



15.6016, 16.8172, 15.3282



34.4922, 41.5629, 6.2045



2.5489, 3.0714, 0.4585

Inverse Universe

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



37.3709, 33.3038, 80.8070



39.9692, 33.6302, 98.9924



46.3929, 37.9548, 81.2292



13.5830, 13.8873, 18.1089



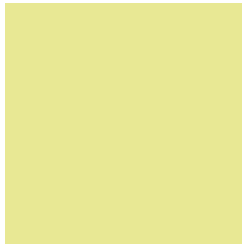
8.0863, 3.2346, 42.5813



0.5976, 0.2390, 3.1466

Previews

White Background



This preview shows how the XYZ color 67.4806, 77.0071, 39.3242 looks on a white background.

Color Contrast Check

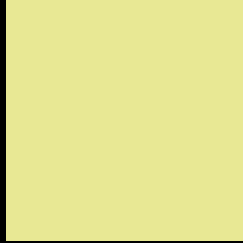
Large Text (above 18pt) WCAG AA × Fail

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 67.4806, 77.0071, 39.3242 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 67.4806, 77.0071, 39.3242

Background



This preview shows how black text looks on a background with the XYZ color 67.4806, 77.0071, 39.3242.



This preview shows how white text looks on a background with the XYZ color 67.4806, 77.0071,

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

67.4806, 77.0071, 39.3242

Protanopia

71.0152, 76.7876, 38.2727

Deuteranopia

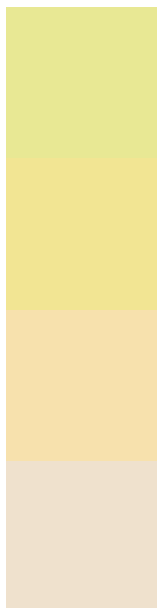
76.0661, 76.5608, 57.7823



Tritanopia

78.2512, 76.9406, 91.6157

Trichromacy



Original Color

67.4806, 77.0071, 39.3242

Protanomaly

69.9037, 77.0225, 38.7863

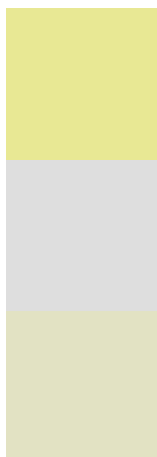
Deuteranomaly

72.8258, 76.6417, 50.4902

Tritanomaly

73.5413, 76.6089, 68.6686

Monochromacy



Original Color

67.4806, 77.0071, 39.3242

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.4107, 74.5016, 62.4044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4806, 77.0071, 39.3242 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(232, 232, 148)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 148)  
}
```

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(232, 232, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 148) }
```

Border

The CSS property to change the border of an element to XYZ 67.4806, 77.0071, 39.3242 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(232, 232, 148) }
```


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

```
.border{ border-color:rgb(232, 232, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 148);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4806, 77.0071, 39.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 148) }
```

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

```
.background{ background-color: rgb(232,  
232, 148) }
```

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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