

Converting Colors

XYZ(67.4392, 77.4049, 39.4032)

Have a look what the booklet for
XYZ(67.4392, 77.4049, 39.4032)
contains.

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Color

**XYZ(67.4392, 77.4049,
39.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E994
RGB	231, 233, 148
RGB Percent	91%, 91%, 58%
CMY	0.0941, 0.0863, 0.4196
CMYK	0.01, 0.00, 0.36, 0.09
HSL	61°, 66%, 75%
HSV	61°, 36%, 91%
XYZ	67.4392, 77.4049, 39.4032
YIQ	222.7120, 26.0930, -26.8590

Conversions

Conversions Part 2

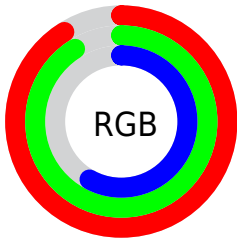
Format	Color
RYB	148, 233, 150
Decimal	15198612
CIELab	90.51, -13.13, 41.11
CIELCh	91, 43.155, 107.708
Yxy	77.4049, 0.3660, 0.4201
Android (android.graphics.Color)	4293388692 (0xFFE7E994)
YUV	222.7120, -36.8330, 7.2686
Hunter-Lab	87.9801, -17.1398, 35.0321

Details

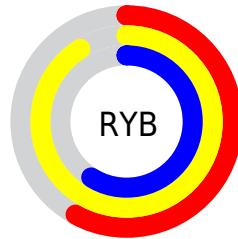
The XYZ color **67.4392, 77.4049, 39.4032** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.8784, 33.5490, 81.5746**, and the grayscale version is **70.1767, 73.8313, 80.4023**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **35.2890, 41.2875, 17.1757** is the 20% darker color. If you saturate the color by 10%, you get **65.6010, 76.6519, 30.6401**, and if you desaturate by 10%, it is **69.6530, 78.3137, 50.1247**.

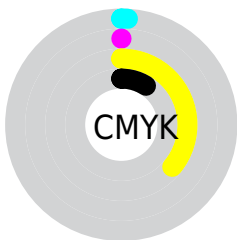
Distribution



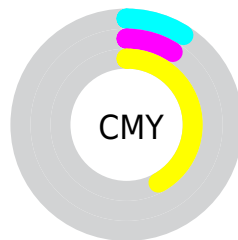
- Red (91%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4392, 77.4049, 39.4032 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 67.4392, 77.4049, 39.4032 by changing the saturation by 10% instead.

67.4392, 77.4049,
39.4032

67.4392, 77.4049,
39.4032

440.9144,
486.1434, 359.0787

49.7136, 57.5853,
26.7633

114.5958,
129.7109, 75.4810

35.4028, 41.4753,
17.1647

144.7576,
162.9660, 99.7559

24.1413, 28.6907,
10.1888

179.7956,
201.4684, 128.7463

15.5638, 18.8469,
5.4171

220.0750,
245.6025, 162.8707

9.3049, 11.5597,
2.4310

265.9612,
295.7526, 202.5476

4.9993, 6.4446,
0.8033

317.8196,

2.2816, 3.1173,

352.3032, 248.1955

0.0000

376.0156,
415.6387, 300.2330

0.7852, 1.1933,
0.0000

0.0000, 0.0562,
0.0000

67.4392, 77.4049,
39.4032

67.4392, 77.4049,
39.4032

65.6010, 76.6519,
30.6401

69.6530, 78.3137,
50.1247

64.1104, 76.0352,
23.7126

72.2573, 79.3760,
62.9079

62.9444, 75.5485,
18.4915

75.2730, 80.6030,
77.8547

62.0748, 75.1804,
14.8289

78.7180, 82.0017,
95.0588

61.4690, 74.9178,
12.5519

81.0402, 82.9514,
106.3477

61.0855, 74.7443,
11.4430

81.2207, 83.0445,
106.3561

60.9793, 74.6947,
11.2036

81.4019, 83.1378,
106.3646

81.5836, 83.2315,
106.3731

81.7659, 83.3255,
106.3816

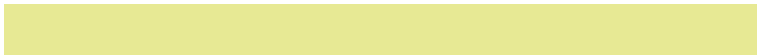
Harmonies

Analogous

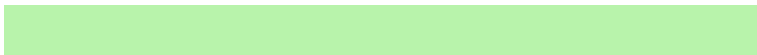
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0772, 77.4049, 38.5344



67.4392, 77.4049, 39.4032



59.2662, 77.4049, 50.2865

Triad

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



67.4392, 77.4049, 39.4032



60.4743, 77.4049, 136.3179



95.7617, 77.4049, 97.5746

Complementary

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



67.4392, 77.4049, 39.4032



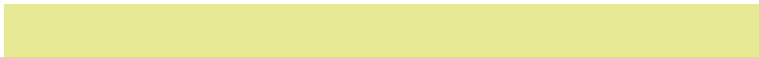
37.8784, 33.5490, 81.5746

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.



90.0103, 77.4049, 130.9210



67.4392, 77.4049, 39.4032



69.2417, 77.4049, 156.6888

Square

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



67.4392, 77.4049, 39.4032



55.5236, 77.4049, 103.6763



80.0637, 77.4049, 154.5022



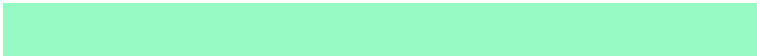
95.1582, 77.4049, 67.4689

Rectangle

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



67.4392, 77.4049, 39.4032



55.9955, 77.4049, 63.6908



80.0637, 77.4049, 154.5022



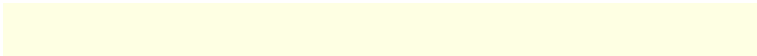
94.4859, 77.4049, 108.8894

Sweetspot

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



67.4411, 77.4084, 39.4048



90.6151, 98.1979, 86.8150



49.7657, 41.0907, 33.3264



19.2878, 20.9747, 18.0492



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.



67.4411, 77.4084, 39.4048



80.9753, 94.2583, 39.8331



55.4942, 71.2495, 38.8457



16.3147, 17.6078, 16.0575



34.6147, 42.3890, 6.3575



2.7293, 3.3343, 0.4997

Inverse Universe

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



37.8784, 33.5490, 81.5746



39.5986, 32.8655, 98.8643



47.0174, 38.2603, 82.0023



14.2641, 14.5659, 18.9819



8.3991, 3.3658, 43.9500



0.6712, 0.2703, 3.4517

Previews

White Background



This preview shows how the XYZ color 67.4392, 77.4049, 39.4032 looks on a white background.

Color Contrast Check

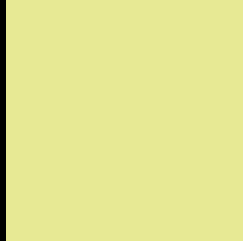
Large Text (above 18pt) WCAG AA × Fail

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 67.4392, 77.4049, 39.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

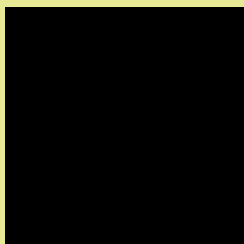
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

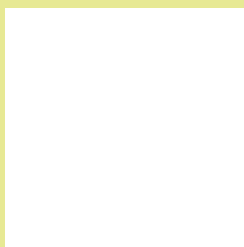
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4392, 77.4049, 39.4032

Background



This preview shows how black text looks on a background with the XYZ color 67.4392, 77.4049, 39.4032.

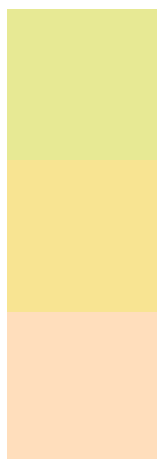


This preview shows how white text looks on a background with the XYZ color 67.4392, 77.4049,

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

67.4392, 77.4049, 39.4032

Protanopia

71.6431, 77.5186, 38.3807

Deuteranopia

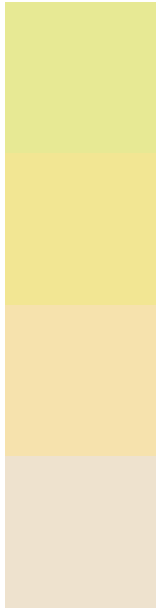
76.4384, 77.1334, 58.4364



Tritanopia

78.3192, 77.3518, 92.4639

Trichromacy



Original Color

67.4392, 77.4049, 39.4032

Protanomaly

70.1812, 77.5775, 38.8788

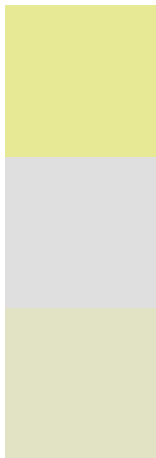
Deuteranomaly

72.7452, 77.0027, 50.5641

Tritanomaly

73.5968, 77.0261, 69.3811

Monochromacy



Original Color

67.4392, 77.4049, 39.4032

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.7969, 75.0924, 63.0929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4392, 77.4049, 39.4032 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(231, 233, 148)` looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 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(231, 233, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 148) }
```

Border

The CSS property to change the border of an element to XYZ 67.4392, 77.4049, 39.4032 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(231, 233, 148) }
```


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

```
.border{ border-color:rgb(231, 233, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 233, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 233, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 233, 148); box-shadow:4px 4px 4px 4px rgb(231, 233, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4392, 77.4049, 39.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 148) }
```

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

```
.background{ background-color: rgb(231,  
233, 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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