

Converting Colors

XYZ(67.4801, 74.8986, 41.0561)

Have a look what the booklet for
XYZ(67.4801, 74.8986, 41.0561)
contains.

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Color

**XYZ(67.4798, 74.9002,
41.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE399
RGB	235, 227, 153
RGB Percent	92%, 89%, 60%
CMY	0.0784, 0.1098, 0.4000
CMYK	0.00, 0.03, 0.35, 0.08
HSL	54°, 67%, 76%
HSV	54°, 35%, 92%
XYZ	67.4798, 74.9002, 41.0376
YIQ	220.9560, 28.5220, -21.3180

Conversions

Conversions Part 2

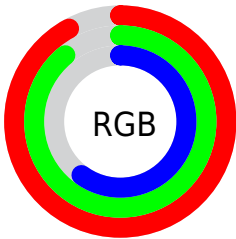
Format	Color
RYB	162, 235, 153
Decimal	15459225
CIELab	89.35, -8.03, 37.16
CIELCh	89, 38.021, 102.193
Yxy	74.9002, 0.3679, 0.4084
Android (android.graphics.Color)	4293649305 (0xFFEBE399)
YUV	220.9560, -33.5023, 12.3166
Hunter-Lab	86.5449, -12.2756, 32.4675

Details

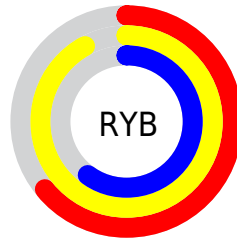
The XYZ color **67.4798, 74.9002, 41.0376** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.8770, 38.2592, 83.8277**, and the grayscale version is **68.9117, 72.5005, 78.9530**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **35.4616, 39.9096, 18.1462** is the 20% darker color. If you saturate the color by 10%, you get **65.1051, 72.9570, 31.5951**, and if you desaturate by 10%, it is **70.2489, 77.0199, 52.4992**.

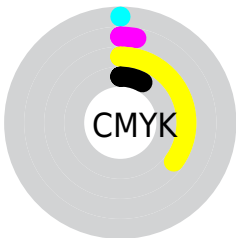
Distribution



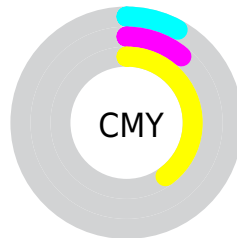
- Red (92%)
- Green (89%)
- Blue (60%)



- Red (64%)
- Yellow (92%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4798, 74.9002, 41.0376 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 67.4798, 74.9002, 41.0376 by changing the saturation by 10% instead.

67.4798, 74.9002,
41.0376

67.4798, 74.9002,
41.0376

441.0564,
477.5745, 366.1590

49.7468, 55.5311,
28.0285

114.6537,
126.1711, 77.9953

35.4292, 39.8271,
18.1079

144.8252,
158.8417, 102.7809

24.1617, 27.4038,
10.8573

179.8736,
196.7149, 132.3292

15.5790, 17.8767,
5.8580

220.1643,
240.1752, 167.0587

9.3157, 10.8615,
2.6915

266.0625,
289.6069, 207.3879

5.0064, 5.9738,
0.9392

317.9337,

2.2858, 2.8291,

345.3944, 253.7353

0.0000

376.1432,
407.9221, 306.5195

0.7874, 1.0432,
0.0000

0.0000, 0.0000,
0.0000

67.4798, 74.9002,
41.0376

67.4798, 74.9002,
41.0376

65.1051, 72.9570,
31.5951

70.2489, 77.0199,
52.4992

63.0966, 71.1708,
24.0481

73.4274, 79.3140,
66.0841

61.4312, 69.5352,
18.2671

77.0366, 81.7939,
81.8952

60.0808, 68.0387,
14.1042

81.0944, 84.4667,
100.0272

■ 59.0128, 66.6683,
11.3874

■ 83.0200, 86.3003,
106.8897

■ 58.1870, 65.4079,
9.9061

■ 83.6931, 87.6463,
107.1141

■ 57.8268, 64.7939,
9.4587

■ 84.3746, 89.0094,
107.3413

■ 85.0647, 90.3896,
107.5713

■ 85.7634, 91.7870,
107.8042

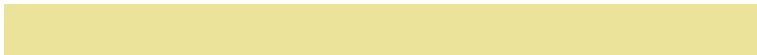
Harmonies

Analogous

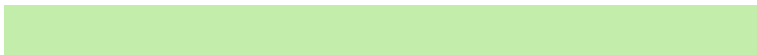
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8005, 74.9002, 41.8644



67.4798, 74.9002, 41.0376



59.8424, 74.9002, 49.1894

Triad

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



67.4798, 74.9002, 41.0376



58.7461, 74.9002, 121.0143



89.6101, 74.9002, 98.2399

Complementary

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



67.4798, 74.9002, 41.0376



40.8770, 38.2592, 83.8277

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.



83.8893, 74.9002, 125.6877



67.4798, 74.9002, 41.0376



65.8604, 74.9002, 140.6797

Square

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



67.4798, 74.9002, 41.0376



55.1024, 74.9002, 92.8559



75.0346, 74.9002, 142.5553



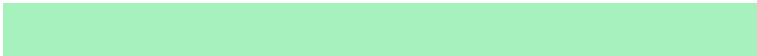
90.1396, 74.9002, 71.2078

Rectangle

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



67.4798, 74.9002, 41.0376



56.5151, 74.9002, 59.9190



75.0346, 74.9002, 142.5553



88.2088, 74.9002, 107.8544

Sweetspot

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



67.4817, 74.9036, 41.0392



90.4248, 96.8892, 88.4309



52.1035, 43.0258, 39.3704



19.2248, 20.6487, 18.3600



0.0000, 0.0000, 0.0000



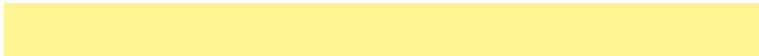
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4817, 74.9036, 41.0392



79.0964, 88.4330, 40.8759



59.8699, 74.3013, 41.3241



16.2191, 17.3613, 16.0149



32.2359, 36.1661, 5.2817



2.5677, 2.9128, 0.4269

Inverse Universe

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



40.8770, 38.2592, 83.8277



42.5298, 38.0770, 99.7158



46.5885, 39.1956, 83.7074



14.3493, 14.7851, 19.0198



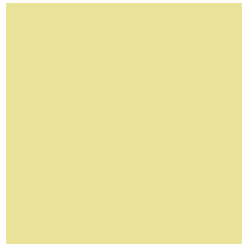
8.5563, 3.7596, 44.0177



0.7120, 0.3755, 3.4698

Previews

White Background



This preview shows how the XYZ color 67.4798, 74.9002, 41.0376 looks on a white background.

Color Contrast Check

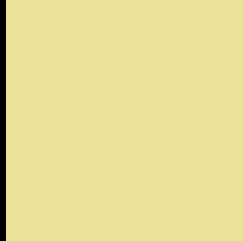
Large Text (above 18pt) WCAG AA × Fail

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 67.4798, 74.9002, 41.0376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

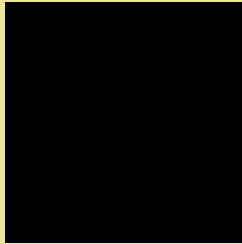
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4798, 74.9002, 41.0376

Background



This preview shows how black text looks on a background with the XYZ color 67.4798, 74.9002, 41.0376.



This preview shows how white text looks on a background with the XYZ color 67.4798, 74.9002,

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

67.4798, 74.9002, 41.0376

Protanopia

69.2853, 74.6330, 40.4596

Deuteranopia

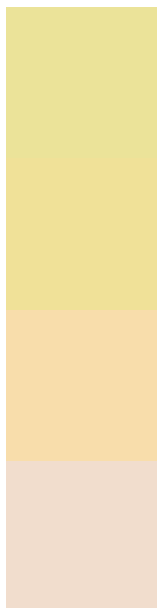
74.6519, 74.7390, 54.2076



Tritanopia

76.9724, 74.7993, 88.2227

Trichromacy



Original Color

67.4798, 74.9002, 41.0376

Protanomaly

68.5279, 74.6427, 40.5014

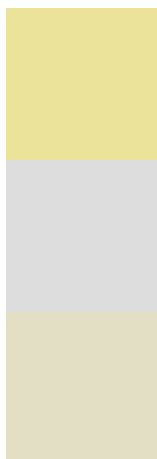
Deuteranomaly

71.9185, 74.6096, 49.1387

Tritanomaly

73.1515, 74.8215, 68.3441

Monochromacy



Original Color

67.4798, 74.9002, 41.0376

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.7155, 72.9296, 62.7324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4798, 74.9002, 41.0376 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(235, 227, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 153)  
}
```

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(235, 227, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 153) }
```

Border

The CSS property to change the border of an element to XYZ 67.4798, 74.9002, 41.0376 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(235, 227, 153) }
```


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

```
.border{ border-color:rgb(235, 227, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 227, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 227, 153); box-shadow:4px 4px 4px 4px rgb(235, 227, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4798, 74.9002, 41.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 153) }
```

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

```
.background{ background-color: rgb(235,  
227, 153) }
```

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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