

Converting Colors

XYZ(67.3765, 71.1036, 46.0768)

Have a look what the booklet for
XYZ(67.3765, 71.1036, 46.0768)
contains.

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Color

**XYZ(67.5509, 71.2467,
46.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDAA6
RGB	239, 218, 166
RGB Percent	94%, 85%, 65%
CMY	0.0627, 0.1451, 0.3490
CMYK	0.00, 0.09, 0.31, 0.06
HSL	43°, 70%, 79%
HSV	43°, 31%, 94%
XYZ	67.5509, 71.2467, 46.2681
YIQ	218.3510, 29.2080, -11.7200

Conversions

Conversions Part 2

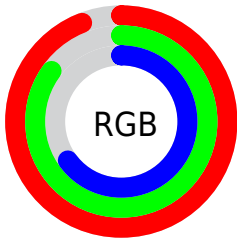
Format	Color
R_{YB}	195, 239, 166
Decimal	15719078
CIE _{Lab}	87.60, -0.37, 28.27
CIE _{LCh}	88, 28.270, 90.744
Yxy	71.2467, 0.3650, 0.3850
Android (android.graphics.Color)	4293909158 (0xFFEFDAA6)
YUV	218.3510, -25.8090, 18.1092
Hunter-Lab	84.4078, -4.8614, 26.5856

Details

The XYZ color **67.5509, 71.2467, 46.2681** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0758, 49.8781, 88.7023**, and the grayscale version is **67.0429, 70.5343, 76.8119**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **35.4259, 37.3544, 21.2626** is the 20% darker color. If you saturate the color by 10%, you get **63.8140, 66.9612, 35.1928**, and if you desaturate by 10%, it is **71.7729, 75.8495, 59.5167**.

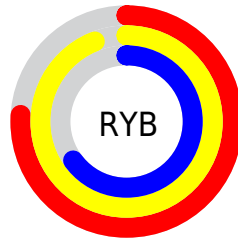
Distribution



Red (94%)

Green (85%)

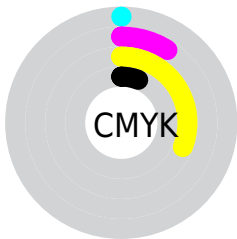
Blue (65%)



Red (76%)

Yellow (94%)

Blue (65%)

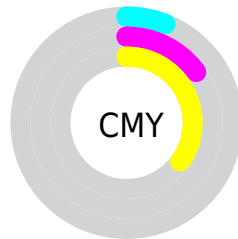


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (6%)



Cyan (6%)

Magenta (15%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5509, 71.2467, 46.2681 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 67.5509, 71.2467, 46.2681 by changing the saturation by 10% instead.

67.5509, 71.2467,
46.2681

67.5509, 71.2467,
46.2681

441.3049,
464.9154, 388.1943

49.8048, 52.5435,
32.1072

114.7549,
120.9849, 85.9586

35.4755, 37.4385,
21.1779

144.9435,
152.7888, 112.3253

24.1976, 25.5472,
13.0616

180.0103,
189.7284, 143.5977

15.6058, 16.4852,
7.3398

220.3207,
232.1880, 180.1944

9.3347, 9.8681,
3.5938

266.2399,
280.5521, 222.5339

5.0190, 5.3116,
1.4053

318.1335,

2.2933, 2.4312,

335.2051, 271.0346

0.1458

376.3667,
396.5314, 326.1153

■ 0.7912, 0.8419,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5509, 71.2467,
46.2681

■ 67.5509, 71.2467,
46.2681

■ 63.8140, 66.9612,
35.1928

■ 71.7729, 75.8495,
59.5167

■ 60.5331, 62.9725,
26.1670

■ 76.4961, 80.7700,
75.0443

■ 57.6845, 59.2721,
19.0612

■ 81.7428, 86.0209,
92.9550

■ 55.2394, 55.8471,
13.7293

■ 86.4506, 91.1787,
107.6505

■ 53.1652, 52.6829,
10.0037

■ 88.5745, 95.4266,
108.3585

■ 51.4230, 49.7625,
7.6847

■ 89.4066, 97.0907,
108.6359

■ 50.0210, 47.1995,
6.4740

Harmonies

Analogous

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



74.1992, 71.2467, 49.6749



67.5509, 71.2467, 46.2681



61.3540, 71.2467, 50.0313

Triad

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



67.5509, 71.2467, 46.2681



57.2554, 71.2467, 97.9683



79.5689, 71.2467, 97.0031

Complementary

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



67.5509, 71.2467, 46.2681



49.0758, 49.8781, 88.7023

Split Complementary

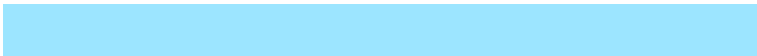
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5072, 71.2467, 113.7309



67.5509, 71.2467, 46.2681



61.6254, 71.2467, 114.3496

Square

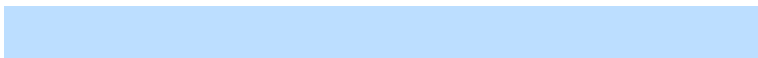
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5509, 71.2467, 46.2681



55.6554, 71.2467, 78.0551



67.8851, 71.2467, 120.5387



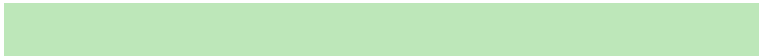
81.4082, 71.2467, 77.0980

Rectangle

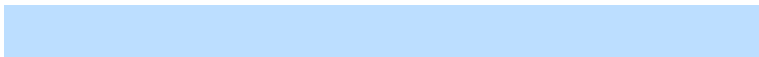
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5509, 71.2467, 46.2681



58.2399, 71.2467, 56.5256



67.8851, 71.2467, 120.5387



78.1721, 71.2467, 103.2933

Sweetspot

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



67.5527, 71.2500, 46.2696



89.5030, 94.4699, 89.8984



58.2997, 49.2505, 53.9548



18.9755, 20.0354, 18.6305



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.



67.5527, 71.2500, 46.2696



75.3486, 79.2336, 44.8789



68.6144, 80.3976, 47.9793



16.7165, 17.6461, 16.6747



27.7606, 26.3192, 3.6170



2.3941, 2.3589, 0.3291

Inverse Universe

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



49.0758, 49.8781, 88.7023



50.6148, 50.6353, 101.7136



48.1794, 43.2808, 87.4761



15.2675, 15.9692, 19.9993



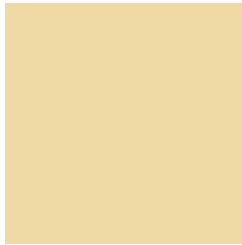
9.8740, 5.9722, 45.7602



0.9035, 0.6611, 3.8342

Previews

White Background



This preview shows how the XYZ color 67.5509, 71.2467, 46.2681 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 67.5509, 71.2467, 46.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

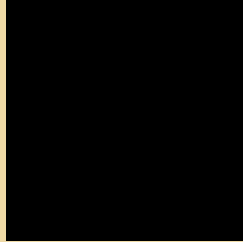
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5509, 71.2467, 46.2681

Background



This preview shows how black text looks on a background with the XYZ color 67.5509, 71.2467, 46.2681.



This preview shows how white text looks on a background with the XYZ color 67.5509, 71.2467,

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

67.5509, 71.2467, 46.2681

Protanopia

66.5675, 71.1152, 46.7773

Deuteranopia

72.3263, 71.3641, 49.4978



Tritanopia

74.7801, 71.1770, 81.7487

Trichromacy



Original Color

67.5509, 71.2467, 46.2681

Protanomaly

66.8986, 71.2859, 46.7928

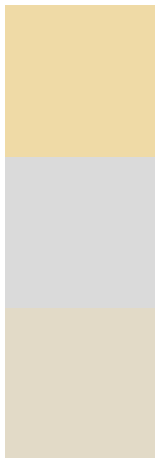
Deuteranomaly

70.3692, 71.1352, 48.0518

Tritanomaly

71.6555, 71.0028, 67.0550

Monochromacy



Original Color

67.5509, 71.2467, 46.2681

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.7442, 70.4351, 64.1104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5509, 71.2467, 46.2681 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(239, 218, 166)` looks like.

```
.text, #text, p{  
    color:rgb(239, 218, 166)  
}
```

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(239, 218, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 218, 166) }
```

Border

The CSS property to change the border of an element to XYZ 67.5509, 71.2467, 46.2681 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(239, 218, 166) }
```


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

```
.border{ border-color:rgb(239, 218, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 218, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 218, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 218, 166); box-shadow:4px 4px 4px 4px rgb(239, 218, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5509, 71.2467, 46.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 218, 166) }
```

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

```
.background{ background-color: rgb(239,  
218, 166) }
```

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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