

Converting Colors

XYZ(67.2554, 70.0061, 48.6772)

Have a look what the booklet for
XYZ(67.2554, 70.0061, 48.6772)
contains.

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Color

**XYZ(67.2477, 69.8919,
48.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD7AB
RGB	239, 215, 171
RGB Percent	94%, 84%, 67%
CMY	0.0627, 0.1568, 0.3294
CMYK	0.00, 0.10, 0.28, 0.06
HSL	39°, 68%, 80%
HSV	39°, 28%, 94%
XYZ	67.2477, 69.8919, 48.4742
YIQ	217.1600, 28.4280, -8.5960

Conversions

Conversions Part 2

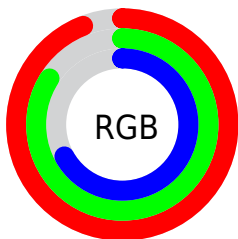
Format	Color
RYB	208, 239, 171
Decimal	15718315
CIELab	86.94, 1.81, 24.77
CIELCh	87, 24.841, 85.815
Yxy	69.8919, 0.3623, 0.3765
Android (android.graphics.Color)	4293908395 (0xFFEFD7AB)
YUV	217.1600, -22.7569, 19.1537
Hunter-Lab	83.6014, -2.7197, 24.1431

Details

The XYZ color **67.2477, 69.8919, 48.4742** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8892, 53.9185, 89.3339**, and the grayscale version is **66.2021, 69.6497, 75.8486**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **35.1920, 36.4186, 22.6274** is the 20% darker color. If you saturate the color by 10%, you get **63.0805, 64.8794, 36.8439**, and if you desaturate by 10%, it is **71.9411, 75.2970, 62.3136**.

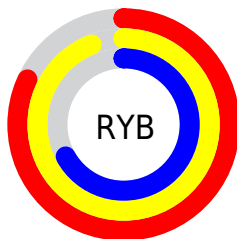
Distribution



Red (94%)

Green (84%)

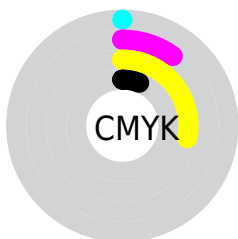
Blue (67%)



Red (82%)

Yellow (94%)

Blue (67%)

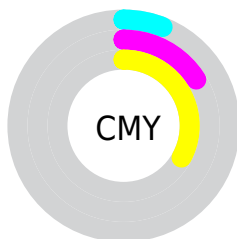


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2477, 69.8919, 48.4742 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 67.2477, 69.8919, 48.4742 by changing the saturation by 10% instead.

67.2477, 69.8919,
48.4742

67.2477, 69.8919,
48.4742

440.2446,
460.1704, 397.2315

49.5574, 51.4384,
33.8399

114.3231,
119.0546, 89.2829

35.2782, 36.5576,
22.4943

144.4389,
150.5326, 116.2944

24.0448, 24.8652,
14.0188

179.4273,
187.1208, 148.2687

15.4917, 15.9766,
7.9948

219.6535,
229.2038, 185.6244

9.2538, 9.5076,
4.0039

265.4830,
277.1658, 228.7800

4.9655, 5.0737,
1.6275

317.2811,

2.2616, 2.2906,

331.3913, 278.1540

0.3103

375.4132,
392.2647, 334.1650

■ 0.7749, 0.7687,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2477, 69.8919,
48.4742

■ 67.2477, 69.8919,
48.4742

■ 63.0805, 64.8794,
36.8439

■ 71.9411, 75.2970,
62.3136

■ 59.4104, 60.2378,
27.3010

■ 77.1776, 81.0965,
78.4666

■ 56.2131, 55.9570,
19.7182

■ 82.9797, 87.3045,
97.0361

■ 53.4598, 52.0230,
13.9527

■ 87.4419, 93.1613,
107.9810

■ 51.1181, 48.4197,
9.8420

■ 89.4066, 97.0907,
108.6359

■ 49.1497, 45.1291,
7.1941

■ 47.5008, 42.1265,
5.7340

■ 47.2625, 41.6825,
5.5545

Harmonies

Analogous

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



72.8981, 69.8919, 52.6104



67.2477, 69.8919, 48.4742



61.6892, 69.8919, 50.8083

Triad

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



67.2477, 69.8919, 48.4742



56.8843, 69.8919, 90.8799



76.0935, 69.8919, 95.5024

Complementary

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



67.2477, 69.8919, 48.4742



51.8892, 53.9185, 89.3339

Split Complementary

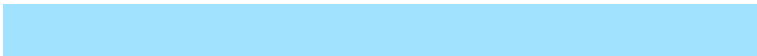
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4080, 69.8919, 108.6405



67.2477, 69.8919, 48.4742



60.3565, 69.8919, 105.7108

Square

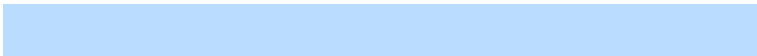
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2477, 69.8919, 48.4742



55.9127, 69.8919, 73.7923



65.6193, 69.8919, 112.6230



78.1902, 69.8919, 78.4561

Rectangle

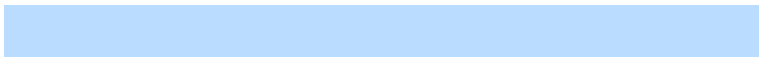
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2477, 69.8919, 48.4742



58.7465, 69.8919, 55.9319



65.6193, 69.8919, 112.6230



74.7562, 69.8919, 100.6138

Sweetspot

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



67.2495, 69.8951, 48.4757



89.0433, 93.5505, 89.7451



60.1163, 51.4598, 58.9498



18.8619, 19.8083, 18.5926



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.



67.2495, 69.8951, 48.4757



75.1010, 77.6286, 48.2181



70.8292, 81.4855, 50.5241



16.6263, 17.4658, 16.6446



26.2462, 23.2906, 3.1122



2.2766, 2.1239, 0.2900

Inverse Universe

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



51.8892, 53.9185, 89.3339



54.6612, 56.3755, 102.6083



48.9815, 45.0700, 87.7792



15.3536, 16.1412, 20.0280



10.4878, 7.1999, 45.9648



0.9628, 0.7796, 3.8540

Previews

White Background



This preview shows how the XYZ color 67.2477, 69.8919, 48.4742 looks on a white background.

Color Contrast Check

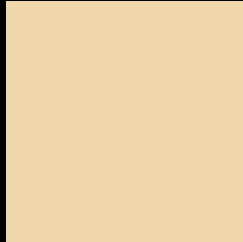
Large Text (above 18pt) WCAG AA × Fail

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 67.2477, 69.8919, 48.4742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

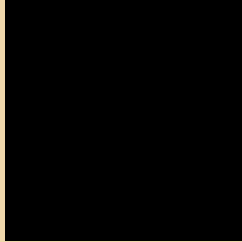
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2477, 69.8919, 48.4742

Background



This preview shows how black text looks on a background with the XYZ color 67.2477, 69.8919, 48.4742.



This preview shows how white text looks on a background with the XYZ color 67.2477, 69.8919,

48.4742.

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

67.2477, 69.8919, 48.4742

Protanopia

65.5380, 69.7601, 49.0405

Deuteranopia

71.1199, 69.6503, 48.7252



Tritanopia

73.6666, 69.9060, 80.1316

Trichromacy



Original Color

67.2477, 69.8919, 48.4742

Protanomaly

66.2632, 69.7525, 49.0009

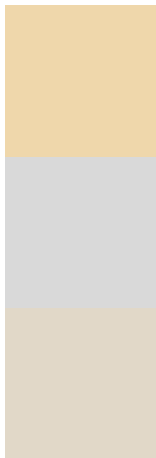
Deuteranomaly

69.8076, 69.7068, 48.8052

Tritanomaly

71.2759, 70.0510, 67.5222

Monochromacy



Original Color

67.2477, 69.8919, 48.4742

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0325, 69.2894, 64.5375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2477, 69.8919, 48.4742 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, 215, 171)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 171)  
}
```

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, 215, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 171) }
```

Border

The CSS property to change the border of an element to XYZ 67.2477, 69.8919, 48.4742 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, 215, 171) }
```


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

```
.border{ border-color:rgb(239, 215, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 215, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 215, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 215, 171);  
box-shadow:4px 4px 4px 4px rgb(239, 215,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2477, 69.8919, 48.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 171) }
```

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

```
.background{ background-color: rgb(239,  
215, 171) }
```

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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