

Converting Colors

XYZ(66.3989, 70.8182, 47.5737)

Have a look what the booklet for
XYZ(66.3989, 70.8182, 47.5737)
contains.

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Color

**XYZ(66.4246, 71.0200,
47.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	EADBA9
RGB	234, 219, 169
RGB Percent	92%, 86%, 66%
CMY	0.0824, 0.1412, 0.3372
CMYK	0.00, 0.06, 0.28, 0.08
HSL	46°, 61%, 79%
HSV	46°, 28%, 92%
XYZ	66.4246, 71.0200, 47.7434
YIQ	217.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

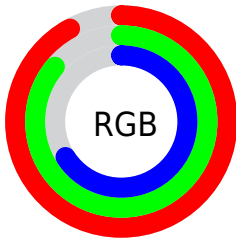
Format	Color
RYB	189, 234, 169
Decimal	15391657
CIELab	87.49, -2.39, 26.50
CIELCh	87, 26.603, 95.148
Yxy	71.0200, 0.3587, 0.3835
Android (android.graphics.Color)	4293581737 (0xFFEADBA9)
YUV	217.7850, -24.0510, 14.2206
Hunter-Lab	84.2734, -6.7840, 25.4018

Details

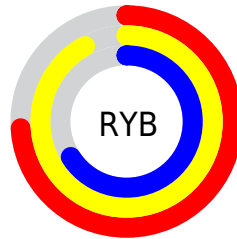
The XYZ color **66.4246, 71.0200, 47.7434** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3536, 48.6552, 84.6850**, and the grayscale version is **66.6423, 70.1129, 76.3530**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **34.8464, 37.3003, 22.1927** is the 20% darker color. If you saturate the color by 10%, you get **63.0366, 67.4503, 36.7289**, and if you desaturate by 10%, it is **70.2552, 74.8448, 60.8467**.

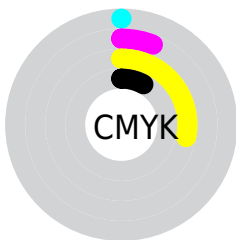
Distribution



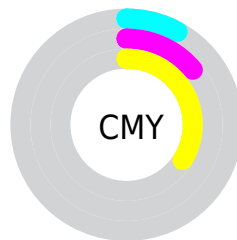
- Red (92%)
- Green (86%)
- Blue (66%)



- Red (74%)
- Yellow (92%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4246, 71.0200, 47.7434 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 66.4246, 71.0200, 47.7434 by changing the saturation by 10% instead.

66.4246, 71.0200,
47.7434

66.4246, 71.0200,
47.7434

437.3586,
464.1233, 394.2535

48.8861, 52.3585,
33.2652

113.1499,
120.6622, 88.1838

34.7433, 37.2909,
22.0569

143.0674,
152.4117, 114.9831

23.6308, 25.4328,
13.7000

177.8420,
189.2927, 146.7264

15.1832, 16.3998,
7.7759

217.8391,
231.6895, 183.8324

9.0352, 9.8075,
3.8662

263.4239,
279.9866, 226.7195

4.8215, 5.2715,
1.5522

314.9619,

2.1766, 2.4074,

334.5683, 275.8064

0.2564

372.8183,
395.8191, 331.5115

■ 0.7303, 0.8297,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4246, 71.0200,
47.7434

■ 66.4246, 71.0200,
47.7434

■ 63.0366, 67.4503,
36.7289

■ 70.2552, 74.8448,
60.8467

■ 60.0642, 64.1167,
27.6881

■ 74.5426, 78.9236,
76.1366

■ 57.4859, 61.0124,
20.5015

■ 79.3073, 83.2678,
93.7103

■ 55.2758, 58.1265,
15.0351

■ 83.3183, 87.3855,
107.0835

■ 53.4046, 55.4464,
11.1365

■ 84.9364, 90.6218,
107.6229

■ 51.8379, 52.9577,
8.6264

■ 86.6023, 93.9536,
108.1782

■ 50.5287, 50.6408,
7.2609

■ 87.7418, 96.2325,
108.5580

■ 50.2569, 50.1427,
7.0297

Harmonies

Analogous

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



72.7062, 71.0200, 49.9992



66.4246, 71.0200, 47.7434



60.7860, 71.0200, 52.3557

Triad

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



66.4246, 71.0200, 47.7434



58.1014, 71.0200, 98.9976



79.0643, 71.0200, 92.7946

Complementary

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



66.4246, 71.0200, 47.7434



48.3536, 48.6552, 84.6850

Split Complementary

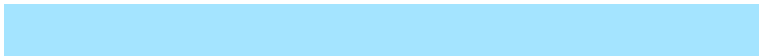
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6962, 71.0200, 109.1968



66.4246, 71.0200, 47.7434



62.5530, 71.0200, 113.1495

Square

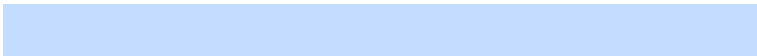
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4246, 71.0200, 47.7434



56.1747, 71.0200, 80.4737



68.5918, 71.0200, 117.1440



80.2589, 71.0200, 74.2668

Rectangle

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



66.4246, 71.0200, 47.7434



58.0690, 71.0200, 59.1999



68.5918, 71.0200, 117.1440



77.9057, 71.0200, 98.8254

Sweetspot

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



66.4264, 71.0232, 47.7449



90.4547, 95.7891, 92.0163



56.7895, 49.3369, 51.9698



19.1851, 20.3383, 19.0589



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.



66.4264, 71.0232, 47.7449



78.4532, 83.9482, 50.5219



65.1010, 76.4112, 48.8547



16.0402, 17.0035, 15.9553



28.3416, 28.3774, 3.9836



2.2970, 2.3714, 0.3367

Inverse Universe

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



48.3536, 48.6552, 84.6850



53.2823, 52.8018, 101.9912



49.3708, 44.7983, 83.8869



14.5132, 15.1127, 19.0744



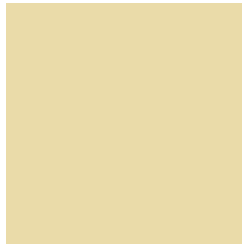
9.1653, 4.9776, 44.2207



0.7911, 0.5337, 3.4962

Previews

White Background



This preview shows how the XYZ color 66.4246, 71.0200, 47.7434 looks on a white background.

Color Contrast Check

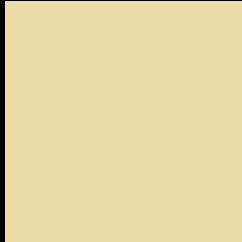
Large Text (above 18pt) WCAG AA × Fail

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 66.4246, 71.0200, 47.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

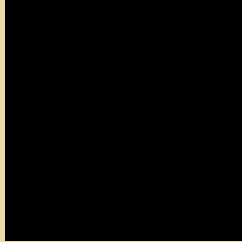
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4246, 71.0200, 47.7434

Background



This preview shows how black text looks on a background with the XYZ color 66.4246, 71.0200, 47.7434.



This preview shows how white text looks on a background with the XYZ color 66.4246, 71.0200,

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

66.4246, 71.0200, 47.7434

Protanopia

66.4246, 71.0200, 47.7434

Deuteranopia

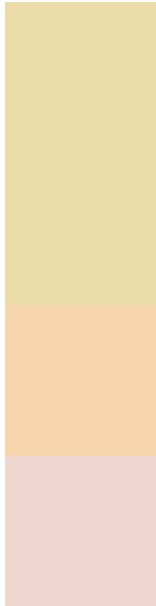
72.1742, 70.9045, 49.9263



Tritanopia

73.5735, 70.8907, 83.2043

Trichromacy



Original Color

66.4246, 71.0200, 47.7434

Protanomaly

66.4246, 71.0200, 47.7434

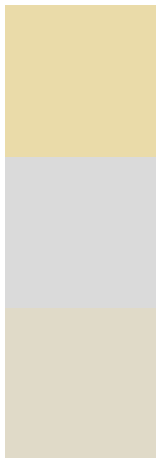
Deuteranomaly

69.8507, 70.8458, 49.0228

Tritanomaly

70.5689, 70.7753, 68.9731

Monochromacy



Original Color

66.4246, 71.0200, 47.7434

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.2372, 70.1602, 64.6948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4246, 71.0200, 47.7434 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(234, 219, 169)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 169)  
}
```

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(234, 219, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 169) }
```

Border

The CSS property to change the border of an element to XYZ 66.4246, 71.0200, 47.7434 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(234, 219, 169) }
```


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

```
.border{ border-color:rgb(234, 219, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 219, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 169);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4246, 71.0200, 47.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 169) }
```

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

```
.background{ background-color: rgb(234,  
219, 169) }
```

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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