

Converting Colors

XYZ(67.3067, 74.4728, 54.5935)

Have a look what the booklet for
XYZ(67.3067, 74.4728, 54.5935)
contains.

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Color

**XYZ(67.1736, 74.4431,
54.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E3B5
RGB	226, 227, 181
RGB Percent	89%, 89%, 71%
CMY	0.1137, 0.1098, 0.2902
CMYK	0.00, 0.00, 0.20, 0.11
HSL	61°, 45%, 80%
HSV	61°, 20%, 89%
XYZ	67.1736, 74.4431, 54.5446
YIQ	221.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

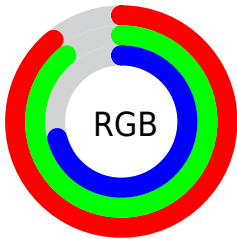
Format	Color
RYB	181, 227, 182
Decimal	14869429
CIELab	89.13, -7.78, 22.42
CIELCh	89, 23.733, 109.138
Yxy	74.4431, 0.3424, 0.3795
Android (android.graphics.Color)	4293059509 (0xFFE2E3B5)
YUV	221.4570, -19.9453, 3.9842
Hunter-Lab	86.2804, -12.0196, 22.9144

Details

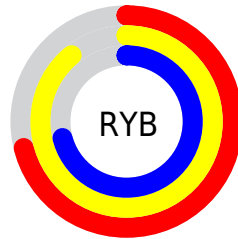
The XYZ color **67.1736, 74.4431, 54.5446** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.6833, 48.5409, 79.4279**, and the grayscale version is **69.1790, 72.7817, 79.2593**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **35.2264, 39.6096, 26.2109** is the 20% darker color. If you saturate the color by 10%, you get **64.8771, 73.5091, 43.2532**, and if you desaturate by 10%, it is **69.8541, 75.5358, 67.8380**.

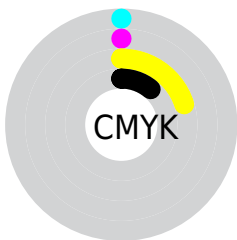
Distribution



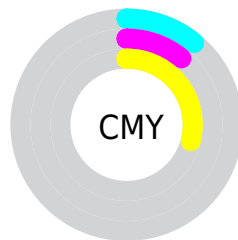
- Red (89%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1736, 74.4431, 54.5446 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 67.1736, 74.4431, 54.5446 by changing the saturation by 10% instead.


 67.1736, 74.4431,
54.5446

 67.1736, 74.4431,
54.5446

439.9852,
476.0012, 421.4165

 49.4969, 55.1568,
38.6411


 114.2176,
125.5237, 98.3379

 35.2300, 39.5273,
26.1750


144.3155,
158.0868, 127.0647

 24.0074, 27.1701,
16.7276


179.2847,
195.8443, 160.9030

 15.4639, 17.7010,
9.8806

219.4904,
239.1806, 200.2714

 9.2340, 10.7356,
5.2153

265.2979,
288.4800, 245.5885

 4.9525, 5.8893,
2.3132

317.0726,

 2.2539, 2.7779,

344.1270, 297.2726

0.7386

375.1800,
406.5059, 355.7425

■ 0.7709, 1.0169,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1736, 74.4431,
54.5446

■ 67.1736, 74.4431,
54.5446

■ 64.8771, 73.5091,
43.2532

■ 69.8541, 75.5358,
67.8380

■ 62.9403, 72.7165,
33.8625

■ 72.9297, 76.7841,
83.2189

■ 61.3453, 72.0606,
26.2692

■ 76.4186, 78.1977,
100.7733

■ 60.0703, 71.5328,
20.3587

■ 77.5106, 78.6527,
105.7040

■ 59.0909, 71.1234,
16.0028

■ 77.6682, 78.7340,
105.7114

■ 58.3795, 70.8211,
13.0553

■ 77.8262, 78.8154,
105.7188

■ 57.9028, 70.6128,
11.3419

■ 77.9847, 78.8971,
105.7262

■ 57.6089, 70.4781,
10.5673

■ 78.1436, 78.9790,
105.7336

■ 78.3030, 79.0612,
105.7411

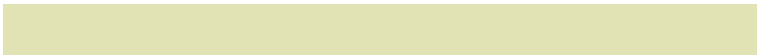
Harmonies

Analogous

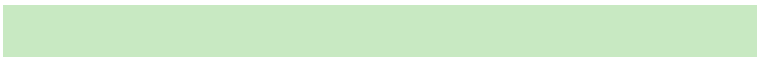
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8717, 74.4431, 53.6365



67.1736, 74.4431, 54.5446



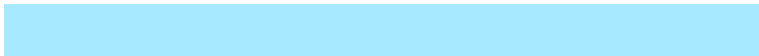
62.6770, 74.4431, 61.9594

Triad

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



67.1736, 74.4431, 54.5446



63.7291, 74.4431, 107.5974



82.2448, 74.4431, 87.2050

Complementary

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



67.1736, 74.4431, 54.5446



49.6833, 48.5409, 79.4279

Split Complementary

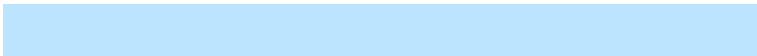
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5009, 74.4431, 103.7209



67.1736, 74.4431, 54.5446



68.6816, 74.4431, 116.5162

Square

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



67.1736, 74.4431, 54.5446



60.7645, 74.4431, 91.9480



74.4634, 74.4431, 115.0082



81.7867, 74.4431, 71.0598

Rectangle

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



67.1736, 74.4431, 54.5446



60.8680, 74.4431, 70.2381



74.4634, 74.4431, 115.0082



81.6607, 74.4431, 92.9310

Sweetspot

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



67.1755, 74.4464, 54.5462



92.5608, 98.9901, 96.4331



56.7017, 53.0293, 50.9643



19.7563, 21.1654, 20.3633



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.



67.1755, 74.4464, 54.5462



86.2249, 96.4133, 64.9863



60.5046, 71.0074, 54.2340



15.5688, 16.8003, 15.3267



33.6096, 41.1079, 6.1632



2.4936, 3.0429, 0.4559

Inverse Universe

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



49.6833, 48.5409, 79.4279



59.8384, 57.3350, 102.5207



55.5038, 51.5414, 79.7003



13.6118, 13.9021, 18.1103



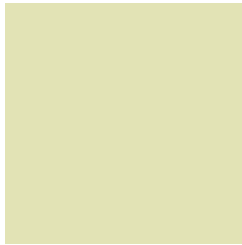
8.1350, 3.2596, 42.5836



0.6115, 0.2462, 3.1473

Previews

White Background



This preview shows how the XYZ color 67.1736, 74.4431, 54.5446 looks on a white background.

Color Contrast Check

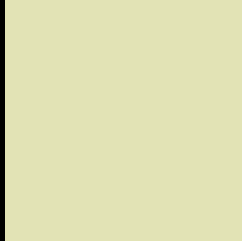
Large Text (above 18pt) WCAG AA × Fail

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 67.1736, 74.4431, 54.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

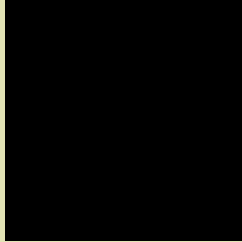
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1736, 74.4431, 54.5446

Background



This preview shows how black text looks on a background with the XYZ color 67.1736, 74.4431, 54.5446.



This preview shows how white text looks on a background with the XYZ color 67.1736, 74.4431,

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

67.1736, 74.4431, 54.5446

Protanopia

69.7843, 74.2072, 53.2932

Deuteranopia

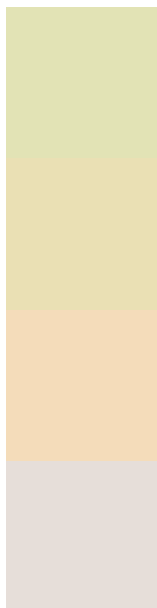
74.9812, 74.0459, 58.4845



Tritanopia

74.2219, 74.1011, 90.5118

Trichromacy



Original Color

67.1736, 74.4431, 54.5446

Protanomaly

68.8256, 74.0990, 53.8551

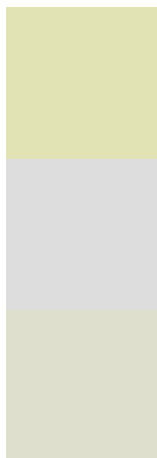
Deuteranomaly

71.7644, 73.9647, 56.9486

Tritanomaly

71.2788, 74.0753, 76.1868

Monochromacy



Original Color

67.1736, 74.4431, 54.5446

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9597, 72.9196, 68.8855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1736, 74.4431, 54.5446 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(226, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 181)  
}
```

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(226, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 181) }
```

Border

The CSS property to change the border of an element to XYZ 67.1736, 74.4431, 54.5446 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(226, 227, 181) }
```


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

```
.border{ border-color:rgb(226, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 227, 181); box-shadow:4px 4px 4px 4px rgb(226, 227, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1736, 74.4431, 54.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 181) }
```

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

```
.background{ background-color: rgb(226,  
227, 181) }
```

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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