

Converting Colors

XYZ(67.4340, 74.0941, 76.3931)

Have a look what the booklet for
XYZ(67.4340, 74.0941, 76.3931)
contains.

XYZ(67.4340, 74.0941, 76.3931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.4340, 74.0941,
76.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E3D9
RGB	213, 227, 217
RGB Percent	84%, 89%, 85%
CMY	0.1647, 0.1098, 0.1490
CMYK	0.06, 0.00, 0.04, 0.11
HSL	137°, 20%, 86%
HSV	137°, 6%, 89%
XYZ	67.4340, 74.0941, 76.3931
YIQ	221.6740, -5.1340, -6.0780

Conversions

Conversions Part 2

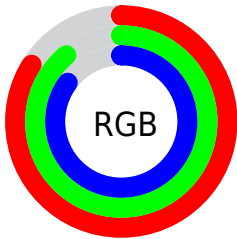
Format	Color
R_{YB}	213, 224, 227
Decimal	14017497
CIE Lab	88.97, -6.50, 3.26
CIE LCh	89, 7.269, 153.346
Yxy	74.0941, 0.3094, 0.3400
Android (android.graphics.Color)	4292207577 (0xFFD5E3D9)
YUV	221.6740, -2.3043, -7.6071
Hunter-Lab	86.0779, -10.7983, 7.6354

Details

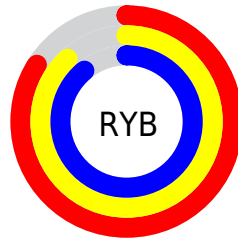
The XYZ color **67.4340, 74.0941, 76.3931** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7947, 69.2488, 79.5560**, and the grayscale version is **69.2213, 72.8262, 79.3077**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3747, 39.3828, 39.9196** is the 20% darker color. If you saturate the color by 10%, you get **59.2984, 70.1340, 65.5382**, and if you desaturate by 10%, it is **76.7027, 78.6186, 88.3860**.

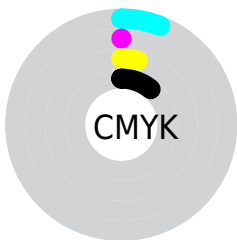
Distribution



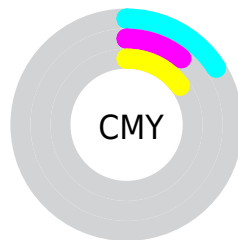
- Red (84%)
- Green (89%)
- Blue (85%)



- Red (84%)
- Yellow (88%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4340, 74.0941, 76.3931 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 67.4340, 74.0941, 76.3931 by changing the saturation by 10% instead.

67.4340, 74.0941,
76.3931

67.4340, 74.0941,
76.3931

440.8963,
474.7981, 502.0749

49.7094, 54.8711,
56.2463

114.5884,
125.0292, 130.0476

35.3994, 39.2985,
39.9951

144.7490,
157.5100, 164.3924

24.1387, 26.9920,
27.2210

179.7856,
195.1789, 204.3069

15.5618, 17.5672,
17.5054

220.0635,
238.4203, 250.2098

9.3035, 10.6397,
10.4297

265.9482,
287.6185, 302.5195

4.9983, 5.8251,
5.5755

317.8050,

2.2810, 2.7390,

343.1579, 361.6545

2.5241

375.9992,
405.4230, 428.0335

■ 0.7849, 0.9971,
0.8529

■ 0.0000, 0.0000,
0.0000

■ 67.4340, 74.0941,
76.3931

■ 67.4340, 74.0941,
76.3931

■ 59.2984, 70.1340,
65.5382

■ 76.7027, 78.6186,
88.3860

■ 52.2456, 66.7068,
55.7834

■ 85.8771, 83.0677,
101.4848

■ 46.2309, 63.7921,
47.0955

■ 86.7606, 83.4211,
106.1369

■ 41.2036, 61.3648,
39.4381

■ 37.1092, 59.3973,
32.7727

■ 33.8872, 57.8595,
27.0581

■ 31.4700, 56.7172,
22.2504

■ 29.7792, 55.9312,
18.3021

■ 28.7186, 55.4529,
15.1611

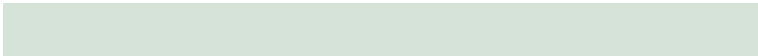
Harmonies

Analogous

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



68.5748, 74.0941, 72.8247



67.4340, 74.0941, 76.3931



67.0898, 74.0941, 81.2445

Triad

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



67.4340, 74.0941, 76.3931



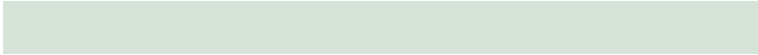
70.6225, 74.0941, 90.7746



73.2979, 74.0941, 75.4495

Complementary

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



67.4340, 74.0941, 76.3931



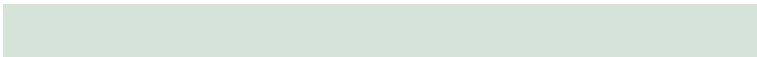
68.7947, 69.2488, 79.5560

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.



73.8674, 74.0941, 80.1099



67.4340, 74.0941, 76.3931



72.3065, 74.0941, 89.0720

Square

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



67.4340, 74.0941, 76.3931



68.9125, 74.0941, 89.6794



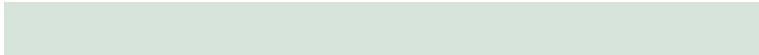
73.5016, 74.0941, 85.1158



71.9579, 74.0941, 72.2961

Rectangle

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



67.4340, 74.0941, 76.3931



67.3536, 74.0941, 84.5897



73.5016, 74.0941, 85.1158



73.5868, 74.0941, 76.8847

Sweetspot

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



67.4361, 74.0973, 76.3947



92.6174, 98.8131, 105.7534



69.9239, 75.4392, 73.8274



19.8494, 21.1625, 22.6686



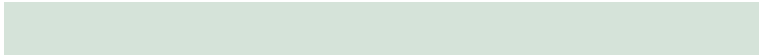
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.4361, 74.0973, 76.3947



86.7996, 95.9761, 98.1511



68.3621, 74.4677, 81.2711



14.7122, 16.3292, 16.6175



16.6174, 32.2791, 8.4856



1.2670, 2.4009, 0.8326

Inverse Universe

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



68.7947, 69.2488, 79.5560



88.8074, 88.8112, 102.8227



67.8741, 68.8806, 74.7077



15.0790, 15.0203, 17.4710



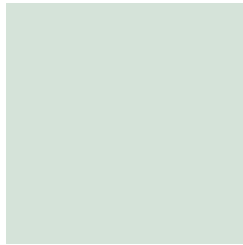
22.3391, 11.0698, 21.2124



1.6903, 0.8338, 1.7757

Previews

White Background



This preview shows how the XYZ color 67.4340, 74.0941, 76.3931 looks on a white background.

Color Contrast Check

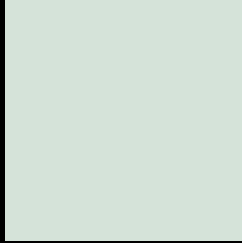
Large Text (above 18pt) WCAG AA × Fail

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 67.4340, 74.0941, 76.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

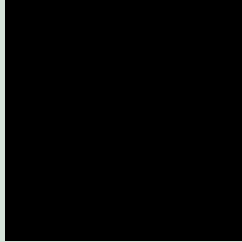
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

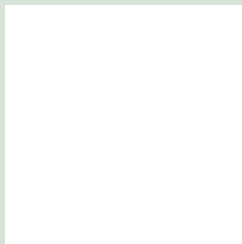
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4340, 74.0941, 76.3931

Background



This preview shows how black text looks on a background with the XYZ color 67.4340, 74.0941, 76.3931.

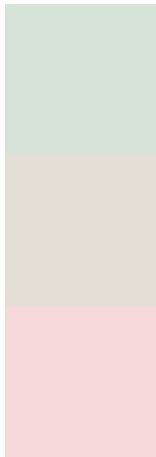


This preview shows how white text looks on a background with the XYZ color 67.4340, 74.0941,

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

67.4340, 74.0941, 76.3931

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

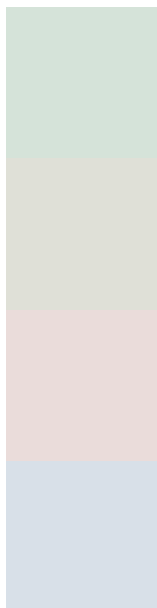
75.3481, 73.8190, 77.2951



Tritanopia

70.8801, 73.8779, 93.7432

Trichromacy



Original Color

67.4340, 74.0941, 76.3931

Protanomaly

69.3528, 73.9056, 74.8999

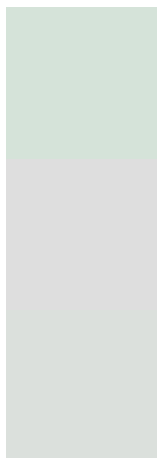
Deuteranomaly

72.1798, 73.7408, 76.7588

Tritanomaly

69.5400, 73.7364, 86.9113

Monochromacy



Original Color

67.4340, 74.0941, 76.3931

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.7873, 73.5387, 78.2791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4340, 74.0941, 76.3931 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(213, 227, 217) looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 217)  
}
```

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(213, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.4340, 74.0941, 76.3931 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(213, 227, 217) }
```


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

```
.border{ border-color:rgb(213, 227, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 227, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 227,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4340, 74.0941, 76.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 217) }
```

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

```
.background{ background-color: rgb(213,  
227, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor