

Converting Colors

XYZ(67.4206, 74.0674, 74.4866)

Have a look what the booklet for
XYZ(67.4206, 74.0674, 74.4866)
contains.

XYZ(67.3382, 74.0894, 74.3699)	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(67.3382, 74.0894,
74.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E3D6
RGB	214, 227, 214
RGB Percent	84%, 89%, 84%
CMY	0.1608, 0.1098, 0.1608
CMYK	0.06, 0.00, 0.06, 0.11
HSL	120°, 19%, 86%
HSV	120°, 6%, 89%
XYZ	67.3382, 74.0894, 74.3699
YIQ	221.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

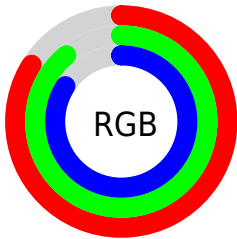
Format	Color
R_{YB}	214, 227, 227
Decimal	14083030
CIE Lab	88.96, -6.70, 4.84
CIE LCh	89, 8.264, 144.149
Yxy	74.0894, 0.3120, 0.3433
Android (android.graphics.Color)	4292273110 (0xFFD6E3D6)
YUV	221.6310, -3.7621, -6.6924
Hunter-Lab	86.0752, -10.9878, 9.0254

Details

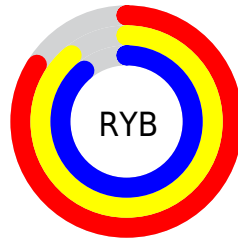
The XYZ color **67.3382, 74.0894, 74.3699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5929, 69.9718, 82.5146**, and the grayscale version is **69.2002, 72.8040, 79.2835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3086, 39.3792, 38.5409** is the 20% darker color. If you saturate the color by 10%, you get **58.4694, 69.8314, 59.8618**, and if you desaturate by 10%, it is **77.5385, 78.9913, 91.0523**.

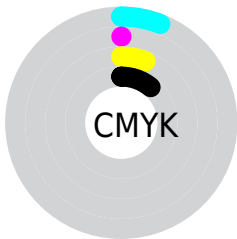
Distribution



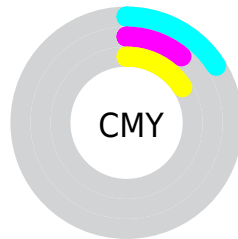
- Red (84%)
- Green (89%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3382, 74.0894, 74.3699 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 67.3382, 74.0894, 74.3699 by changing the saturation by 10% instead.

67.3382, 74.0894,
74.3699

67.3382, 74.0894,
74.3699

440.5612,
474.7819, 494.9465

49.6312, 54.8672,
54.5982

114.4520,
125.0225, 127.1589

35.3371, 39.2954,
38.6837

144.5896,
157.5023, 161.0133

24.0904, 26.9896,
26.2078

179.6013,
195.1700, 200.3991

15.5258, 17.5654,
16.7520

219.8527,
238.4100, 245.7347

9.2779, 10.6384,
9.8978

265.7090,
287.6069, 297.4387

4.9815, 5.8243,
5.2265

317.5357,

2.2710, 2.7385,

343.1448, 355.9296

2.3197

375.6979,
405.4084, 421.6261

■ 0.7798, 0.9968,
0.7422

■ 0.0000, 0.0000,
0.0000

■ 67.3382, 74.0894,
74.3699

■ 67.3382, 74.0894,
74.3699

■ 58.4694, 69.8314,
59.8618

■ 77.5385, 78.9913,
91.0523

■ 50.8712, 66.1816,
47.4338

■ 86.7606, 83.4211,
106.1369

■ 44.4875, 63.1152,
36.9922

■ 39.2553, 60.6019,
28.4340

■ 35.1061, 58.6089,
21.6471

■ 31.9640, 57.0996,
16.5076

■ 29.7435, 56.0330,
12.8753

■ 28.3449, 55.3611,
10.5873

■ 27.6451, 55.0250,
9.4425

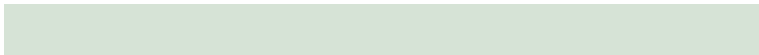
Harmonies

Analogous

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



68.8529, 74.0894, 71.0012



67.3382, 74.0894, 74.3699



66.6505, 74.0894, 79.5494

Triad

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



67.3382, 74.0894, 74.3699



70.0271, 74.0894, 92.1712



73.9998, 74.0894, 76.2337

Complementary

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



67.3382, 74.0894, 74.3699



69.5929, 69.9718, 82.5146

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.



74.3285, 74.0894, 81.8026



67.3382, 74.0894, 74.3699



72.0102, 74.0894, 91.1807

Square

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



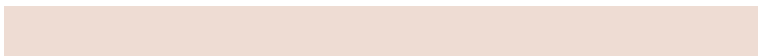
67.3382, 74.0894, 74.3699



68.1839, 74.0894, 89.9637



73.5939, 74.0894, 87.3178



72.7040, 74.0894, 72.0409

Rectangle

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



67.3382, 74.0894, 74.3699



66.7440, 74.0894, 83.4023



73.5939, 74.0894, 87.3178



74.2281, 74.0894, 77.9995

Sweetspot

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



67.3403, 74.0926, 74.3715



92.3882, 98.7214, 104.5462



71.2886, 76.1280, 74.5559



19.8027, 21.1438, 22.4228



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.



67.3403, 74.0926, 74.3715



86.0433, 95.6736, 94.1682



68.1875, 74.4315, 78.8330



14.5744, 16.2741, 15.8919



16.0201, 32.0401, 5.3402



1.1838, 2.3677, 0.3947

Inverse Universe

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



69.5929, 69.9718, 82.5146



89.6175, 89.1352, 107.0886



68.7122, 69.6195, 77.8765



15.2273, 15.0796, 18.2523



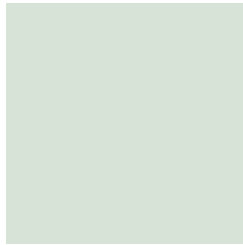
26.5605, 12.7584, 43.4421



1.9627, 0.9428, 3.2103

Previews

White Background



This preview shows how the XYZ color 67.3382, 74.0894, 74.3699 looks on a white background.

Color Contrast Check

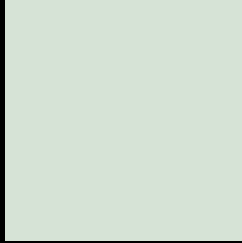
Large Text (above 18pt) WCAG AA × Fail

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 67.3382, 74.0894, 74.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

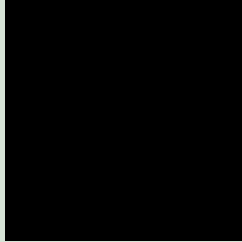
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

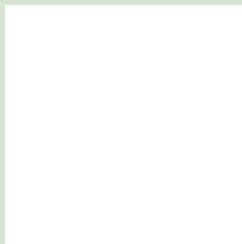
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3382, 74.0894, 74.3699

Background



This preview shows how black text looks on a background with the XYZ color 67.3382, 74.0894, 74.3699.

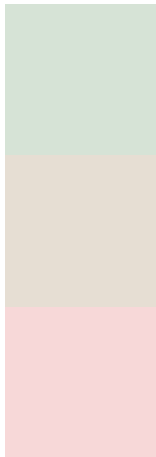


This preview shows how white text looks on a background with the XYZ color 67.3382, 74.0894,

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

67.3382, 74.0894, 74.3699

Protanopia

70.5123, 73.7687, 72.1504

Deuteranopia

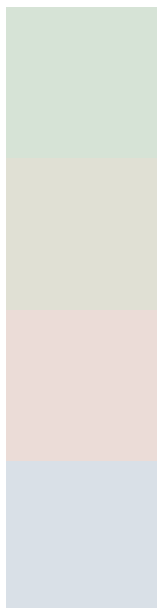
75.3083, 73.8438, 75.2498



Tritanopia

71.1783, 74.0317, 93.7571

Trichromacy



Original Color

67.3382, 74.0894, 74.3699

Protanomaly

69.2798, 73.9121, 72.9024

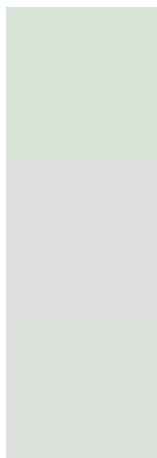
Deuteranomaly

72.1199, 73.7549, 74.7250

Tritanomaly

69.6947, 73.8325, 86.1791

Monochromacy



Original Color

67.3382, 74.0894, 74.3699

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.6553, 73.4859, 77.5835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3382, 74.0894, 74.3699 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(214, 227, 214) looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 214)  
}
```

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(214, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.3382, 74.0894, 74.3699 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(214, 227, 214) }
```


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

```
.border{ border-color:rgb(214, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3382, 74.0894, 74.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 227, 214) }
```

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

```
.background{ background-color: rgb(214,  
227, 214) }
```

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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