

Converting Colors

XYZ(65.8708, 75.3677, 71.1321)

Have a look what the booklet for
XYZ(65.8708, 75.3677, 71.1321)
contains.

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Color

**XYZ(66.0974, 75.5821,
71.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE8D1
RGB	207, 232, 209
RGB Percent	81%, 91%, 82%
CMY	0.1882, 0.0902, 0.1804
CMYK	0.11, 0.00, 0.10, 0.09
HSL	125°, 35%, 86%
HSV	125°, 11%, 91%
XYZ	66.0974, 75.5821, 71.4267
YIQ	221.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

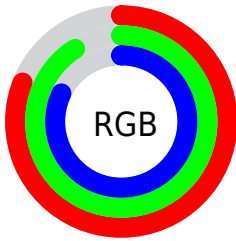
Format	Color
RYB	207, 230, 232
Decimal	13625553
CIELab	89.66, -12.47, 8.40
CIElCh	90, 15.037, 146.031
Yxy	75.5821, 0.3102, 0.3547
Android (android.graphics.Color)	4291815633 (0xFFCFE8D1)
YUV	221.9030, -6.3612, -13.0699
Hunter-Lab	86.9380, -16.4310, 12.1450

Details

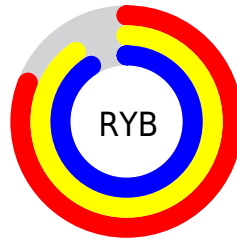
The XYZ color **66.0974, 75.5821, 71.4267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8772, 67.4965, 84.2118**, and the grayscale version is **69.4118, 73.0266, 79.5259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5786, 40.1895, 36.9452** is the 20% darker color. If you saturate the color by 10%, you get **57.6178, 71.4980, 58.1472**, and if you desaturate by 10%, it is **75.8877, 80.3053, 86.6189**.

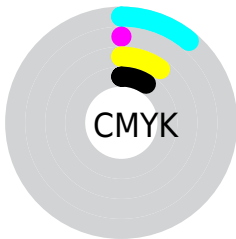
Distribution



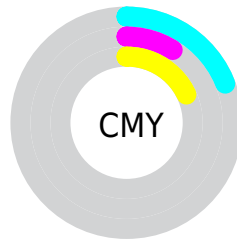
- Red (81%)
- Green (91%)
- Blue (82%)



- Red (81%)
- Yellow (90%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0974, 75.5821, 71.4267 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 66.0974, 75.5821, 71.4267 by changing the saturation by 10% instead.

66.0974, 75.5821,
71.4267

66.0974, 75.5821,
71.4267

436.2083,
479.9159, 484.4675

48.6195, 56.0899,
52.2065

112.6831,
127.1360, 122.9412

34.5310, 40.2750,
36.7863

142.5215,
159.9665, 156.0726

23.4666, 27.7530,
24.7476

177.2109,
198.0119, 194.6782

15.0610, 18.1396,
15.6718

217.1164,
241.6566, 239.1765

8.9488, 11.0502,
9.1404

262.6036,
291.2849, 289.9860

4.7647, 6.1006,
4.7348

314.0377,

2.1432, 2.9064,

347.2813, 347.5254

2.0365

371.7842,
410.0302, 412.2130

■ 0.7125, 1.0830,
0.5776

■ 0.0000, 0.0000,
0.0000

■ 66.0974, 75.5821,
71.4267

■ 66.0974, 75.5821,
71.4267

■ 57.6178, 71.4980,
58.1472

■ 75.8877, 80.3053,
86.6189

■ 50.3873, 68.0165,
46.6998

■ 87.0345, 85.6831,
103.7901

■ 44.3487, 65.1118,
37.0056

■ 88.1481, 86.1962,
106.5994

■ 39.4378, 62.7527,
28.9781

■ 35.5845, 60.9051,
22.5234

■ 32.7107, 59.5310,
17.5383

■ 30.7275, 58.5869,
13.9073

■ 29.5297, 58.0215,
11.4975

■ 28.9719, 57.7617,
10.2187

Harmonies

Analogous

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



68.7608, 75.5821, 65.3093



66.0974, 75.5821, 71.4267



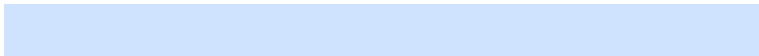
64.9712, 75.5821, 80.8935

Triad

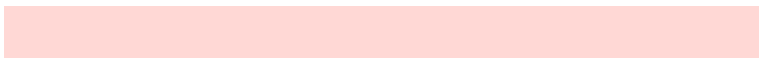
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.0974, 75.5821, 71.4267



71.3471, 75.5821, 104.3457



78.4238, 75.5821, 73.6729

Complementary

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



66.0974, 75.5821, 71.4267



69.8772, 67.4965, 84.2118

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.



79.1734, 75.5821, 83.7147



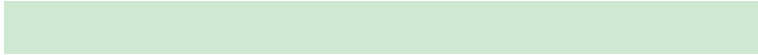
66.0974, 75.5821, 71.4267



75.0067, 75.5821, 101.9990

Square

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



66.0974, 75.5821, 71.4267



67.9356, 75.5821, 100.3801



77.9028, 75.5821, 94.2157



75.8881, 75.5821, 66.5259

Rectangle

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



66.0974, 75.5821, 71.4267



65.2144, 75.5821, 88.0529



77.9028, 75.5821, 94.2157



78.8967, 75.5821, 76.7957

Sweetspot

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



66.0995, 75.5853, 71.4284



91.1787, 98.1328, 102.9119



72.8626, 79.1003, 70.4601



19.3001, 20.9003, 21.6929



0.0000, 0.0000, 0.0000



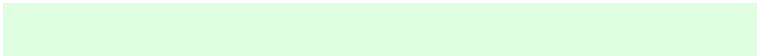
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0995, 75.5853, 71.4284



79.3610, 92.4350, 84.5374



67.6645, 76.2113, 79.6696



14.2359, 16.1078, 15.5070



16.1012, 32.0726, 5.7675



1.2062, 2.3766, 0.5123

Inverse Universe

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



69.8772, 67.4965, 84.2118



84.9474, 80.4733, 103.4406



68.2271, 66.8365, 75.5223



14.9428, 14.5943, 17.8989



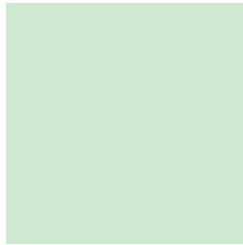
25.1958, 12.2125, 36.2557



1.8767, 0.9084, 2.7573

Previews

White Background



This preview shows how the XYZ color 66.0974, 75.5821, 71.4267 looks on a white background.

Color Contrast Check

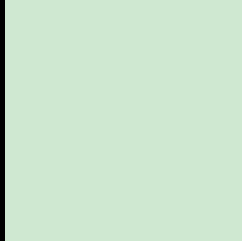
Large Text (above 18pt) WCAG AA × Fail

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 66.0974, 75.5821, 71.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

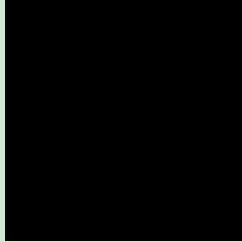
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

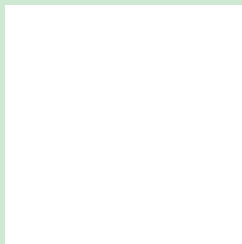
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0974, 75.5821, 71.4267

Background



This preview shows how black text looks on a background with the XYZ color 66.0974, 75.5821, 71.4267.



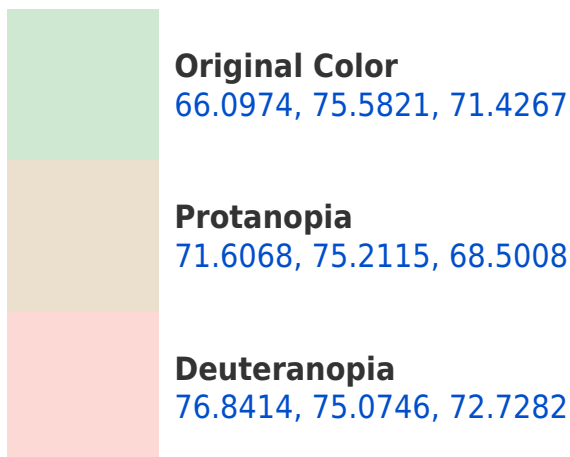
This preview shows how white text looks on a background with the XYZ color 66.0974, 75.5821,

71.4267.

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





Tritanopia

71.3911, 75.6769, 97.2306

Trichromacy



Original Color

66.0974, 75.5821, 71.4267

Protanomaly

69.3501, 75.2417, 69.2605

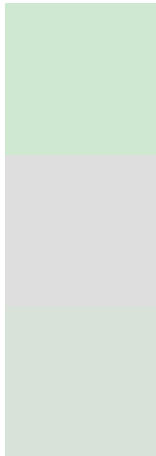
Deuteranomaly

72.4712, 74.7786, 72.2421

Tritanomaly

69.4488, 75.7137, 87.2978

Monochromacy



Original Color

66.0974, 75.5821, 71.4267

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.3360, 74.1542, 76.3571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0974, 75.5821, 71.4267 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(207, 232, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 232, 209)  
}
```

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(207, 232, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 232, 209) }
```

Border

The CSS property to change the border of an element to XYZ 66.0974, 75.5821, 71.4267 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(207, 232, 209) }
```


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

```
.border{ border-color:rgb(207, 232, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 232, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 232, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 232, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 232,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0974, 75.5821, 71.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 232, 209) }
```

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

```
.background{ background-color: rgb(207,  
232, 209) }
```

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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