

Converting Colors

XYZ(74.6497, 86.1045, 71.7169)

Have a look what the booklet for
XYZ(74.6497, 86.1045, 71.7169)
contains.

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Color

**XYZ(74.6497, 86.1045,
71.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF6CF
RGB	223, 246, 207
RGB Percent	87%, 96%, 81%
CMY	0.1255, 0.0353, 0.1882
CMYK	0.09, 0.00, 0.16, 0.04
HSL	95°, 68%, 89%
HSV	95°, 16%, 96%
XYZ	74.6497, 86.1045, 71.7169
YIQ	234.6770, -1.1890, -17.0050

Conversions

Conversions Part 2

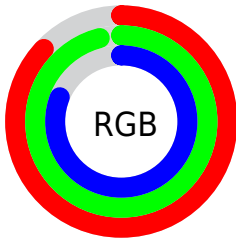
Format	Color
R_{YB}	207, 246, 230
Decimal	14677711
CIE _{Lab}	94.36, -14.36, 16.26
CIE _{LCh}	94, 21.690, 131.453
Y _{xy}	86.1045, 0.3211, 0.3704
Android (android.graphics.Color)	4292867791 (0xFFDFF6CF)
YUV	234.6770, -13.6448, -10.2407
Hunter-Lab	92.7925, -18.7872, 19.1311

Details

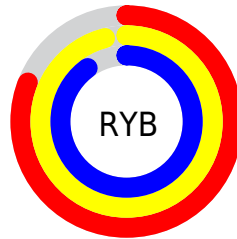
The XYZ color **74.6497, 86.1045, 71.7169** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.5840, 68.1049, 96.5660**, and the grayscale version is **78.8231, 82.9281, 90.3087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3117, 47.4517, 37.1714** is the 20% darker color. If you saturate the color by 10%, you get **67.5934, 82.7903, 56.8914**, and if you desaturate by 10%, it is **82.5624, 89.8112, 89.0321**.

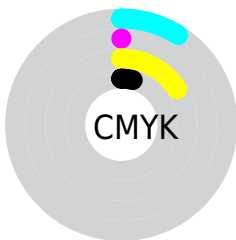
Distribution



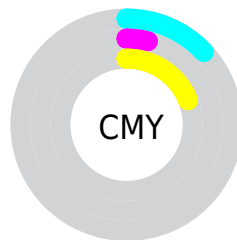
- Red (87%)
- Green (96%)
- Blue (81%)



- Red (81%)
- Yellow (96%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)




- Cyan (13%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6497, 86.1045, 71.7169 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 74.6497, 86.1045, 71.7169 by changing the saturation by 10% instead.


 74.6497, 86.1045,
71.7169

 74.6497, 86.1045,
71.7169


465.7284,
515.2757, 485.5067

 55.6191, 64.7544,
52.4420


124.8069,
141.9153, 123.3579

 40.1334, 47.2619,
36.9729


156.6643,
177.1448, 156.5612

 27.8273, 33.2428,
24.8909


193.5280,
217.7695, 195.2443

 18.3353, 22.3125,
15.7775

235.7633,
264.1739, 239.8258

 11.2921, 14.0867,
9.2142

283.7357,
316.7423, 290.7242

 6.3324, 8.1810,
4.7824

337.8104,

 3.0908, 4.2110,

375.8592, 348.3582

2.0637

398.3529,
441.9088, 413.1461

■ 1.2020, 1.7923,
0.5940

■ 0.1079, 0.4823,
0.0000

■ 74.6497, 86.1045,
71.7169

■ 74.6497, 86.1045,
71.7169

■ 67.5934, 82.7903,
56.8914

■ 82.5624, 89.8112,
89.0321

■ 61.3555, 79.8437,
44.4356

■ 91.1597, 93.8342,
107.9149

■ 55.9048, 77.2541,
34.2280

■ 92.2475, 94.3950,
107.9658

■ 51.2057, 75.0059,
26.1341

■ 47.2190, 73.0822,
20.0049

■ 43.9016, 71.4645,
15.6723

■ 41.2041, 70.1315,
12.9395

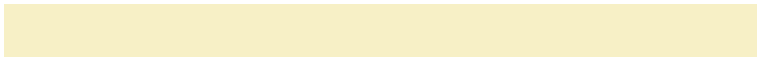
■ 39.0678, 69.0585,
11.5634

■ 38.3143, 68.6765,
11.2365

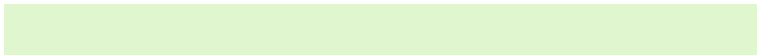
Harmonies

Analogous

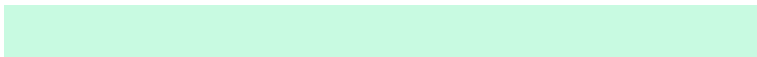
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6367, 86.1045, 65.7089



74.6497, 86.1045, 71.7169



71.6779, 86.1045, 83.9200

Triad

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



74.6497, 86.1045, 71.7169



78.3301, 86.1045, 127.5546



93.3100, 86.1045, 87.5294

Complementary

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



74.6497, 86.1045, 71.7169



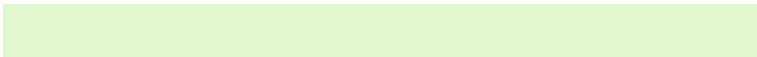
71.5840, 68.1049, 96.5660

Split Complementary

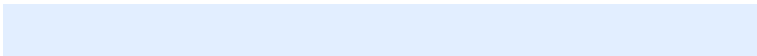
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9192, 86.1045, 104.3259



74.6497, 86.1045, 71.7169



84.0830, 86.1045, 128.8194

Square

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



74.6497, 86.1045, 71.7169



73.7323, 86.1045, 116.6214



89.4773, 86.1045, 119.8959



90.5207, 86.1045, 74.0887

Rectangle

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



74.6497, 86.1045, 71.7169



71.1503, 86.1045, 94.5688



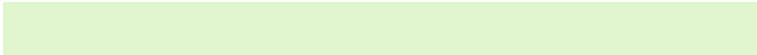
89.4773, 86.1045, 119.8959



93.5495, 86.1045, 92.9422

Sweetspot

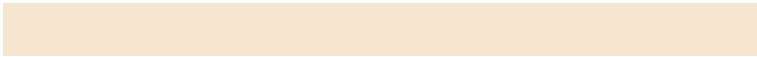
The Sweet Spot groups the original color and five complimentary colors.



74.6520, 86.1082, 71.7188



90.3519, 97.8074, 98.3181



77.4992, 80.5558, 70.4970



19.2018, 20.8707, 20.7380



0.0000, 0.0000, 0.0000



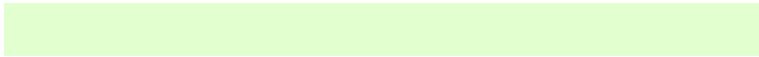
20.3446, 21.4041, 23.3091

Same Dimension

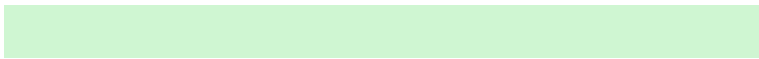
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6520, 86.1082, 71.7188



78.4647, 92.2404, 72.4121



70.3545, 83.8464, 73.6136



16.9260, 18.8039, 17.5350



20.5995, 36.7323, 6.0043



1.9241, 3.2870, 0.5330

Inverse Universe

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



71.5840, 68.1049, 96.5660



74.5565, 69.3115, 104.0567



76.4621, 70.6768, 94.2124



16.5181, 16.4097, 20.8394



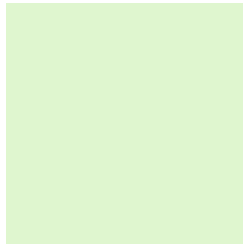
15.2834, 6.8532, 47.0553



1.4597, 0.6624, 4.1412

Previews

White Background



This preview shows how the XYZ color 74.6497, 86.1045, 71.7169 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 74.6497, 86.1045, 71.7169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

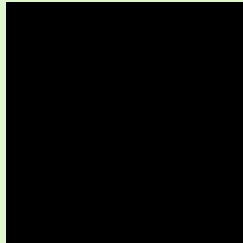
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

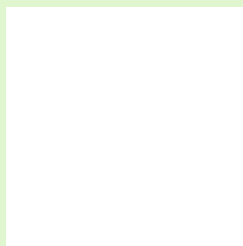
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6497, 86.1045, 71.7169

Background



This preview shows how black text looks on a background with the XYZ color 74.6497, 86.1045, 71.7169.



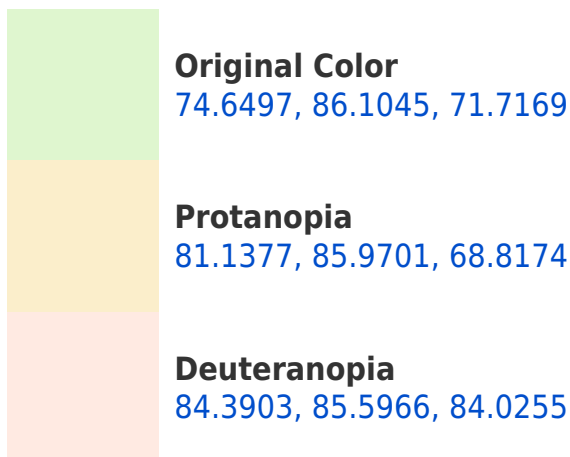
This preview shows how white text looks on a background with the XYZ color 74.6497, 86.1045,

71.7169.

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

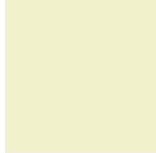
82.1952, 86.1088, 106.8963

Trichromacy



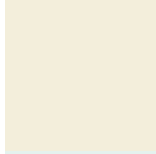
Original Color

74.6497, 86.1045, 71.7169



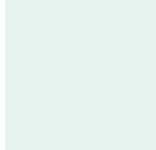
Protanomaly

78.6300, 85.9710, 69.5766



Deuteranomaly

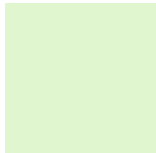
80.3229, 85.3182, 79.2524



Tritanomaly

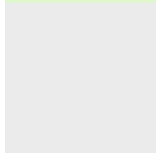
79.4978, 86.3353, 93.3633

Monochromacy



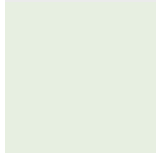
Original Color

74.6497, 86.1045, 71.7169



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

77.4121, 84.1582, 83.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6497, 86.1045, 71.7169 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(223, 246, 207)` looks like.

```
.text, #text, p{  
    color:rgb(223, 246, 207)  
}
```

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(223, 246, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 246, 207) }
```

Border

The CSS property to change the border of an element to XYZ 74.6497, 86.1045, 71.7169 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(223, 246, 207) }
```


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

```
.border{ border-color:rgb(223, 246, 207) }
```

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

Here you see how a box with a 4 pixel rgb(223, 246, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 246, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 246, 207);  
box-shadow:4px 4px 4px 4px rgb(223, 246,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6497, 86.1045, 71.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 246, 207) }
```

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

```
.background{ background-color: rgb(223,  
246, 207) }
```

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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