

Converting Colors

XYZ(73.9607, 85.9645, 61.9864)

Have a look what the booklet for
XYZ(73.9607, 85.9645, 61.9864)
contains.

XYZ(74.0383, 86.0040, 61.9884)	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(74.0383, 86.0040,
61.9884)**

Conversions

Conversions Part 1	
Format	Color
Hex	E3F6BF
RGB	227, 246, 191
RGB Percent	89%, 96%, 75%
CMY	0.1098, 0.0353, 0.2510
CMYK	0.08, 0.00, 0.22, 0.04
HSL	81°, 75%, 86%
HSV	81°, 22%, 96%
XYZ	74.0383, 86.0040, 61.9884
YIQ	234.0490, 6.3310, -21.1330

Conversions

Conversions Part 2

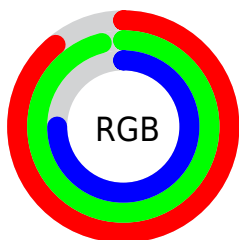
Format	Color
RYB	191, 246, 210
Decimal	14939839
CIELab	94.31, -15.44, 24.44
CIELCh	94, 28.904, 122.281
Yxy	86.0040, 0.3335, 0.3874
Android (android.graphics.Color)	4293129919 (0xFFE3F6BF)
YUV	234.0490, -21.2232, -6.1820
Hunter-Lab	92.7383, -19.7854, 25.2861

Details

The XYZ color **74.0383, 86.0040, 61.9884** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.8471, 57.6194, 95.0554**, and the grayscale version is **78.3981, 82.4809, 89.8217**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **39.7234, 47.2910, 30.7013** is the 20% darker color. If you saturate the color by 10%, you get **68.9408, 83.6657, 48.7854**, and if you desaturate by 10%, it is **79.7274, 88.5999, 77.5962**.

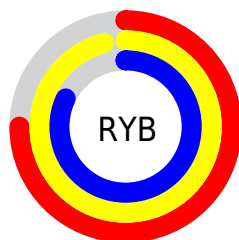
Distribution



Red (89%)

Green (96%)

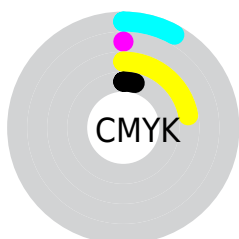
Blue (75%)



Red (75%)

Yellow (96%)

Blue (82%)

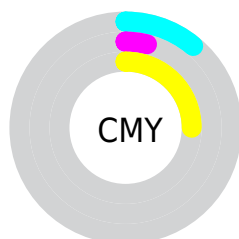


Cyan (8%)

Magenta (0%)

Yellow (22%)

Black (4%)



Cyan (11%)


Magenta (4%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0383, 86.0040, 61.9884 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 74.0383, 86.0040, 61.9884 by changing the saturation by 10% instead.


 74.0383, 86.0040,
61.9884

 74.0383, 86.0040,
61.9884


463.6538,
514.9444, 449.8953

 55.1168, 64.6713,
44.5876


 123.9453,
141.7751, 109.2802

 39.7294, 47.1946,
30.7921


155.6615,
176.9822, 140.0083

 27.5109, 33.1895,
20.1835

192.3733,
217.5829, 176.0159

 18.0959, 22.2717,
12.3431

234.4461,
263.9617, 217.7215

 11.1190, 14.0566,
6.8524

282.2451,
316.5028, 265.5437

 6.2148, 8.1601,
3.2929


336.1359,


 3.0180, 4.1975,


375.5907, 319.9010


1.2461


396.4837,
441.6098, 381.2120


 1.1633, 1.7847,
0.0170


 0.0771, 0.4776,
0.0000


 74.0383, 86.0040,
61.9884


 74.0383, 86.0040,
61.9884


 68.9408, 83.6657,
48.7854

 79.7274, 88.5999,
77.5962


 64.4036, 81.5638,
37.8619


 86.0245, 91.4517,
95.7145


 60.4024, 79.6912,
29.0898


 91.3341, 93.9242,
107.9231


 56.9081, 78.0358,
22.3263

 92.2475, 94.3951,
107.9658

 53.8882, 76.5847,
17.4108

 51.3056, 75.3226,
14.1587

 49.1157, 74.2315,
12.3465

 47.6566, 73.4927,
11.6737

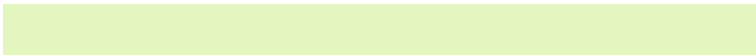
Harmonies

Analogous

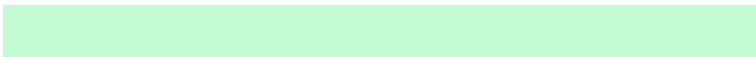
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1522, 86.0040, 57.1345



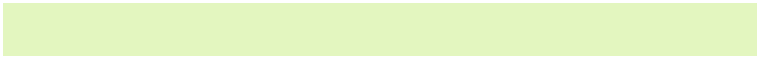
74.0383, 86.0040, 61.9884



69.2452, 86.0040, 75.1566

Triad

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



74.0383, 86.0040, 61.9884



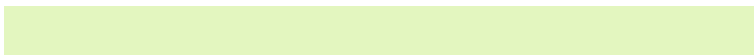
75.0047, 86.0040, 136.7498



97.5626, 86.0040, 91.9544

Complementary

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



74.0383, 86.0040, 61.9884



61.8471, 57.6194, 95.0554

Split Complementary

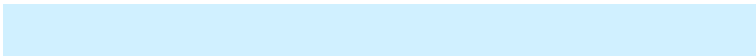
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6635, 86.0040, 114.9382



74.0383, 86.0040, 61.9884



82.3391, 86.0040, 143.1085

Square

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



74.0383, 86.0040, 61.9884



69.7778, 86.0040, 118.3459



89.9671, 86.0040, 134.5738



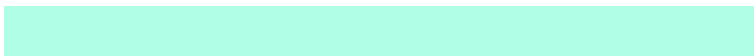
95.0060, 86.0040, 72.6429

Rectangle

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



74.0383, 86.0040, 61.9884



67.8441, 86.0040, 88.0260



89.9671, 86.0040, 134.5738



97.4240, 86.0040, 99.4955

Sweetspot

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



74.0405, 86.0078, 61.9903



90.0752, 97.7522, 94.3563



70.2954, 69.1219, 58.9283



19.1913, 20.8829, 19.9416



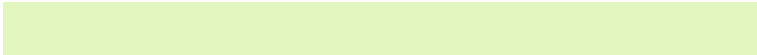
0.0000, 0.0000, 0.0000



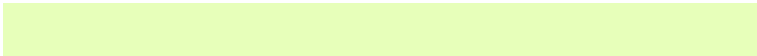
20.3446, 21.4041, 23.3091

Same Dimension

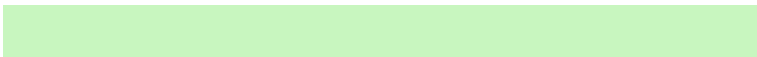
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0405, 86.0078, 61.9903



77.6620, 92.0956, 60.2210



66.2264, 81.9794, 61.6246



17.3264, 19.0103, 17.5537



25.5927, 39.3063, 6.2380



2.3596, 3.5115, 0.5534

Inverse Universe

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



61.8471, 57.6194, 95.0554



62.2015, 56.0938, 102.1565



70.1379, 61.8934, 95.4434



16.1211, 16.2051, 20.8208



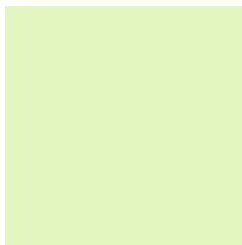
11.0140, 4.6523, 46.8555



1.0743, 0.4637, 4.1231

Previews

White Background



This preview shows how the XYZ color 74.0383, 86.0040, 61.9884 looks on a white background.

Color Contrast Check

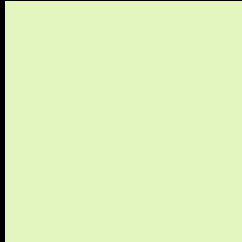
Large Text (above 18pt) WCAG AA × Fail

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 74.0383, 86.0040, 61.9884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

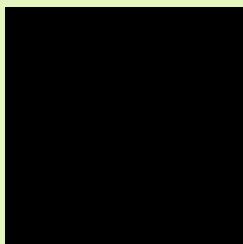
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

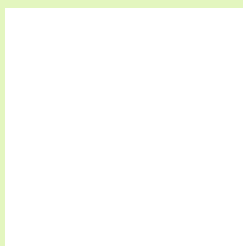
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0383, 86.0040, 61.9884

Background



This preview shows how black text looks on a background with the XYZ color 74.0383, 86.0040, 61.9884.

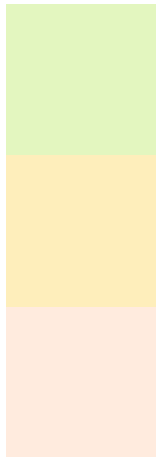


This preview shows how white text looks on a background with the XYZ color 74.0383, 86.0040,

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

74.0383, 86.0040, 61.9884

Protanopia

80.4172, 85.8078, 59.3378

Deuteranopia

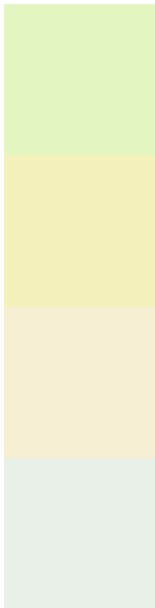
84.1331, 85.9506, 81.2631



Tritanopia

82.9263, 85.6212, 106.7636

Trichromacy



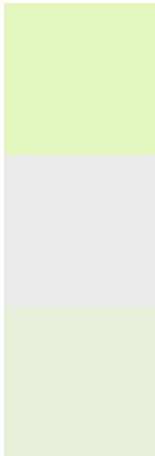
Original Color
74.0383, 86.0040, 61.9884

Protanomaly
77.8406, 85.7745, 60.0305

Deuteranomaly
80.2806, 85.8486, 73.9672

Tritanomaly
79.3298, 85.4700, 88.6602

Monochromacy



Original Color
74.0383, 86.0040, 61.9884

Achromatopsia
78.2058, 82.2786, 89.6014

Achromatomaly
76.1844, 83.2000, 78.3735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0383, 86.0040, 61.9884 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(227, 246, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 246, 191)  
}
```

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(227, 246, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 246, 191) }
```

Border

The CSS property to change the border of an element to XYZ 74.0383, 86.0040, 61.9884 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(227, 246, 191) }
```


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

```
.border{ border-color:rgb(227, 246, 191) }
```

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

Here you see how a box with a 4 pixel rgb(227, 246, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 246, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 246, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 246,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0383, 86.0040, 61.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 246, 191) }
```

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

```
.background{ background-color: rgb(227,  
246, 191) }
```

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