

Converting Colors

XYZ(73.7976, 86.5242, 58.5892)

Have a look what the booklet for
XYZ(73.7976, 86.5242, 58.5892)
contains.

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Color

**XYZ(73.6963, 86.3552,
58.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F7B9
RGB	227, 247, 185
RGB Percent	89%, 97%, 73%
CMY	0.1098, 0.0313, 0.2745
CMYK	0.08, 0.00, 0.25, 0.03
HSL	79°, 80%, 85%
HSV	79°, 25%, 97%
XYZ	73.6963, 86.3552, 58.6830
YIQ	233.9520, 7.9820, -23.5220

Conversions

Conversions Part 2

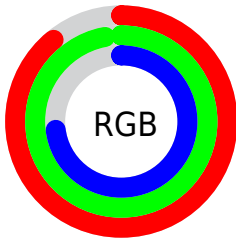
Format	Color
RYB	185, 247, 205
Decimal	14940089
CIELab	94.46, -16.79, 27.70
CIELCh	94, 32.389, 121.230
Yxy	86.3552, 0.3369, 0.3948
Android (android.graphics.Color)	4293130169 (0xFFE3F7B9)
YUV	233.9520, -24.1333, -6.0969
Hunter-Lab	92.9275, -21.0634, 27.6081

Details

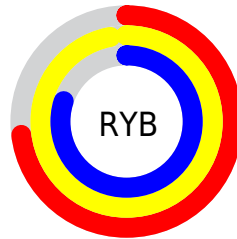
The XYZ color **73.6963, 86.3552, 58.6830** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.3177, 54.3949, 95.3733**, and the grayscale version is **78.3450, 82.4251, 89.7609**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **39.5902, 47.5855, 28.9281** is the 20% darker color. If you saturate the color by 10%, you get **68.8570, 84.1387, 46.0075**, and if you desaturate by 10%, it is **79.1095, 88.8206, 73.7534**.

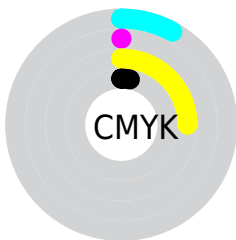
Distribution



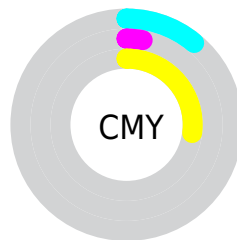
- Red (89%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)




- Cyan (11%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6963, 86.3552, 58.6830 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 73.6963, 86.3552, 58.6830 by changing the saturation by 10% instead.


 73.6963, 86.3552,
58.6830

 73.6963, 86.3552,
58.6830


462.4910,
516.1017, 437.3953

 54.8359, 64.9617,
41.9397

 123.4630,
142.2651, 104.4414

 39.5037, 47.4301,
28.7288


155.1000,
177.5502, 134.2935

 27.3343, 33.3758,
18.6320

191.7267,
218.2348, 169.3523

 17.9623, 22.4145,
11.2305

233.7082,
264.7031, 210.0363

 11.0225, 14.1618,
6.1060

281.4101,
317.3395, 256.7641

 6.1493, 8.2333,
2.8398

335.1976,

 2.9776, 4.2446,

376.5285, 309.9541

1.0134

395.4361,
442.6544, 370.0250

■ 1.1419, 1.8113,
0.0000

■ 0.0598, 0.4942,
0.0000

■ 73.6963, 86.3552,
58.6830

■ 73.6963, 86.3552,
58.6830

■ 68.8570, 84.1387,
46.0075

■ 79.1095, 88.8206,
73.7534

■ 64.5598, 82.1494,
35.5980

■ 85.1132, 91.5328,
91.3278

■ 60.7800, 80.3801,
27.3217

■ 91.0635, 94.2375,
107.9978

■ 57.4877, 78.8187,
21.0300

■ 92.5526, 95.0051,
108.0675

■ 54.6494, 77.4516,
16.5551

■ 52.2262, 76.2630,
13.7014

■ 50.1708, 75.2339,
12.2283

■ 49.2646, 74.7745,
11.8364

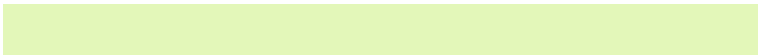
Harmonies

Analogous

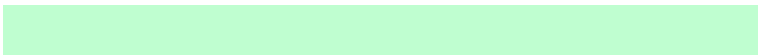
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7189, 86.3552, 53.7589



73.6963, 86.3552, 58.6830



68.2539, 86.3552, 72.7767

Triad

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



73.6963, 86.3552, 58.6830



74.2776, 86.3552, 142.6545



99.9886, 86.3552, 92.9999

Complementary

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



73.6963, 86.3552, 58.6830



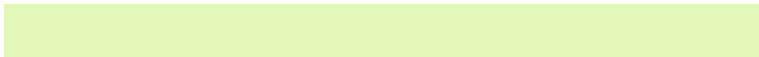
59.3177, 54.3949, 95.3733

Split Complementary

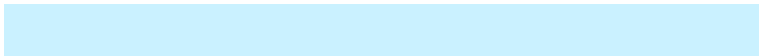
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6531, 86.3552, 119.0549



73.6963, 86.3552, 58.6830



82.4382, 86.3552, 150.6014

Square

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



73.6963, 86.3552, 58.6830



68.5724, 86.3552, 121.1551



91.0723, 86.3552, 141.2989



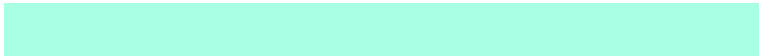
97.2499, 86.3552, 71.2831

Rectangle

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



73.6963, 86.3552, 58.6830



66.6120, 86.3552, 86.9004



91.0723, 86.3552, 141.2989



99.7698, 86.3552, 101.5311

Sweetspot

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



73.6985, 86.3590, 58.6849



89.5574, 97.5280, 92.3992



68.8616, 66.7672, 55.1582



18.9580, 20.7798, 19.1560



0.0000, 0.0000, 0.0000



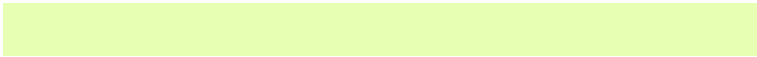
20.3446, 21.4041, 23.3091

Same Dimension

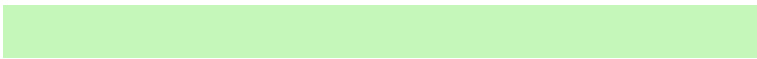
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6985, 86.3590, 58.6849



76.5814, 91.6301, 56.0333



64.8810, 81.8134, 58.2722



17.3645, 19.0300, 17.5555



26.2079, 39.6235, 6.2668



2.4105, 3.5377, 0.5558

Inverse Universe

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



59.3177, 54.3949, 95.3733



58.7484, 51.9823, 101.5449



68.6110, 59.1857, 95.8082



16.0845, 16.1862, 20.8191



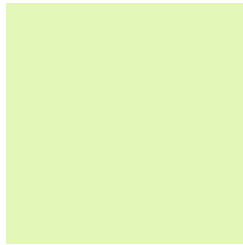
10.7460, 4.5141, 46.8430



1.0474, 0.4498, 4.1219

Previews

White Background



This preview shows how the XYZ color 73.6963, 86.3552, 58.6830 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 73.6963, 86.3552, 58.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

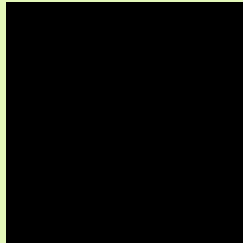
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

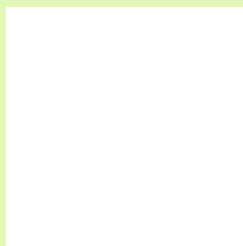
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6963, 86.3552, 58.6830

Background



This preview shows how black text looks on a background with the XYZ color 73.6963, 86.3552, 58.6830.

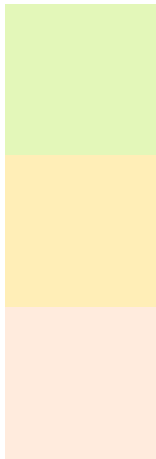


This preview shows how white text looks on a background with the XYZ color 73.6963, 86.3552,

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

73.6963, 86.3552, 58.6830

Protanopia

80.3618, 85.8280, 57.1307

Deuteranopia

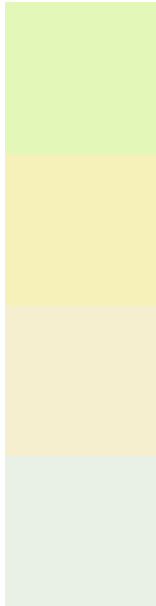
83.9995, 85.8971, 80.5592



Tritanopia

83.5496, 86.3736, 106.8760

Trichromacy



Original Color

73.6963, 86.3552, 58.6830

Protanomaly

77.7632, 85.7838, 57.8068

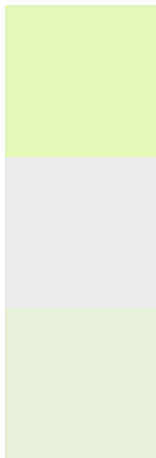
Deuteranomaly

79.9079, 85.6995, 72.0046

Tritanomaly

79.3425, 85.9474, 87.2706

Monochromacy



Original Color

73.6963, 86.3552, 58.6830

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.2162, 83.6798, 77.1005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6963, 86.3552, 58.6830 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, 247, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 247, 185)  
}
```

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, 247, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 247, 185) }
```

Border

The CSS property to change the border of an element to XYZ 73.6963, 86.3552, 58.6830 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, 247, 185) }
```


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

```
.border{ border-color:rgb(227, 247, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 247, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 247, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 247, 185); box-shadow:4px 4px 4px 4px rgb(227, 247, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6963, 86.3552, 58.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 247, 185) }
```

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

```
.background{ background-color: rgb(227,  
247, 185) }
```

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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