

Converting Colors

XYZ(74.4933, 83.5559, 86.2374)

Have a look what the booklet for
XYZ(74.4933, 83.5559, 86.2374)
contains.

XYZ(74.5116, 83.4732, 86.3135)	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(74.5116, 83.4732,
86.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1E5
RGB	218, 241, 229
RGB Percent	85%, 95%, 90%
CMY	0.1451, 0.0549, 0.1020
CMYK	0.10, 0.00, 0.05, 0.05
HSL	149°, 45%, 90%
HSV	149°, 10%, 95%
XYZ	74.5116, 83.4732, 86.3135
YIQ	232.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

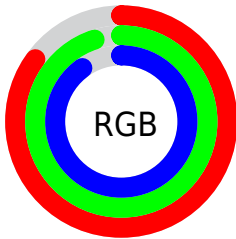
Format	Color
R _Y B	218, 234, 241
Decimal	14348773
CIE Lab	93.22, -9.75, 3.21
CIE LCh	93, 10.264, 161.753
Yxy	83.4732, 0.3050, 0.3417
Android (android.graphics.Color)	4292538853 (0xFFDAF1E5)
YUV	232.7550, -1.8512, -12.9401
Hunter-Lab	91.3637, -14.3108, 7.9419

Details

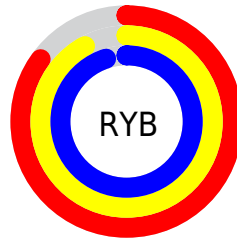
The XYZ color **74.5116, 83.4732, 86.3135** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.6330, 74.5589, 85.2719**, and the grayscale version is **77.2887, 81.3137, 88.5506**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0932, 45.5404, 46.7214** is the 20% darker color. If you saturate the color by 10%, you get **66.1295, 79.3500, 77.0854**, and if you desaturate by 10%, it is **84.0736, 88.1946, 96.2644**.

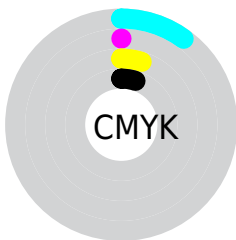
Distribution



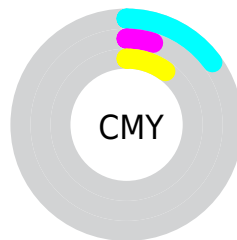
- Red (85%)
- Green (95%)
- Blue (90%)



- Red (85%)
- Yellow (92%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5116, 83.4732, 86.3135 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 74.5116, 83.4732, 86.3135 by changing the saturation by 10% instead.

74.5116, 83.4732,
86.3135

74.5116, 83.4732,
86.3135

465.2603,
506.5622, 536.2219

55.5056, 62.5806,
64.3709

124.6124,
138.2380, 144.0973

40.0421, 45.5020,
46.5030

156.4379,
172.8790, 180.7755

27.7558, 31.8530,
32.2914

193.2673,
212.8716, 223.2027

18.2811, 21.2493,
21.3175

235.4660,
258.6002, 271.7974

11.2529, 13.3063,
13.1628

283.3993,
310.4491, 326.9781

6.3058, 7.6398,
7.4087

337.4325,

3.0743, 3.8654,

368.8029, 389.1634

3.6367

397.9311,
434.0458, 458.7718

■ 1.1932, 1.5985,
1.4282

■ 0.1010, 0.3566,
0.1636

■ 74.5116, 83.4732,
86.3135

■ 74.5116, 83.4732,
86.3135

■ 66.1295, 79.3500,
77.0854

■ 84.0736, 88.1946,
96.2644

■ 58.8725, 75.7901,
68.5584

■ 90.6109, 91.3394,
106.7496

■ 52.6918, 72.7710,
60.7174

■ 90.7469, 91.3938,
107.4656

■ 47.5325, 70.2647,
53.5450

■ 43.3341, 68.2403,
47.0228

■ 40.0298, 66.6639,
41.1315

■ 37.5434, 65.4964,
35.8509

■ 35.7850, 64.6919,
31.1590

■ 34.6124, 64.1776,
27.0308

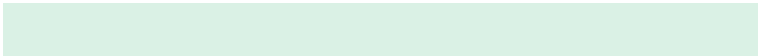
Harmonies

Analogous

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



75.9329, 83.4732, 80.2453



74.5116, 83.4732, 86.3135



74.3658, 83.4732, 93.9492

Triad

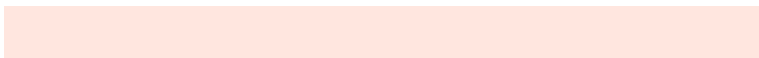
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5116, 83.4732, 86.3135



80.4005, 83.4732, 106.2291



83.2736, 83.4732, 81.3459

Complementary

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



74.5116, 83.4732, 86.3135



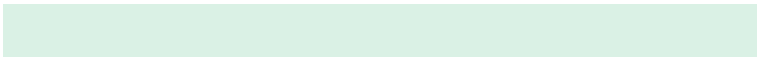
75.6330, 74.5589, 85.2719

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.



84.5287, 83.4732, 87.8943



74.5116, 83.4732, 86.3135



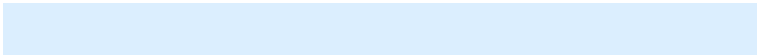
82.8450, 83.4732, 102.4327

Square

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



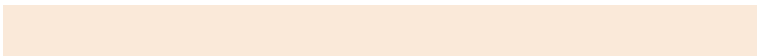
74.5116, 83.4732, 86.3135



77.7249, 83.4732, 105.7463



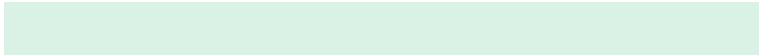
84.3701, 83.4732, 95.6216



80.9748, 83.4732, 77.4913

Rectangle

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



74.5116, 83.4732, 86.3135



75.0073, 83.4732, 98.9360



84.3701, 83.4732, 95.6216



83.8338, 83.4732, 83.2890

Sweetspot

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



74.5139, 83.4767, 86.3153



91.6552, 98.3234, 105.4211



76.8320, 84.8436, 78.6578



19.4283, 20.9516, 22.3682



0.0000, 0.0000, 0.0000



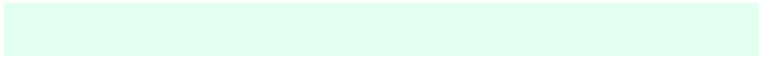
20.3446, 21.4041, 23.3091

Same Dimension

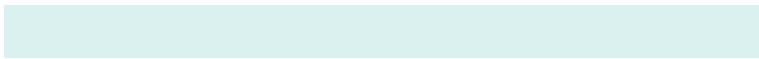
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5139, 83.4767, 86.3153



83.2050, 94.1556, 96.5097



76.1345, 84.1250, 94.8491



15.8807, 17.7823, 18.3946



18.8105, 34.8162, 14.9169



1.6149, 2.9164, 1.5042

Inverse Universe

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



75.6330, 74.5589, 85.2719



84.6604, 82.5568, 95.1524



74.1050, 73.9477, 77.2257



16.1173, 15.8966, 18.1740



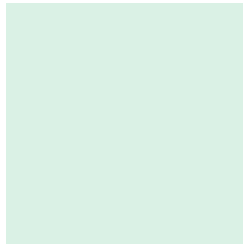
21.7738, 10.9820, 11.9914



1.8617, 0.9337, 1.2623

Previews

White Background



This preview shows how the XYZ color 74.5116, 83.4732, 86.3135 looks on a white background.

Color Contrast Check

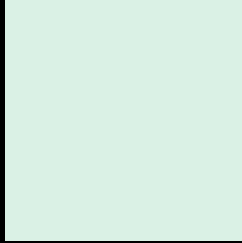
Large Text (above 18pt) WCAG AA × Fail

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 74.5116, 83.4732, 86.3135 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

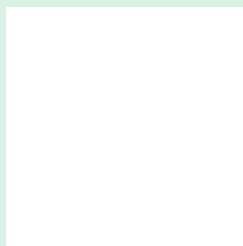
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5116, 83.4732, 86.3135

Background



This preview shows how black text looks on a background with the XYZ color 74.5116, 83.4732, 86.3135.



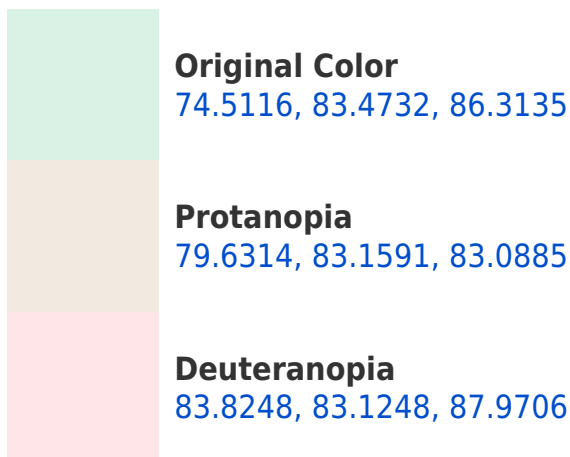
This preview shows how white text looks on a background with the XYZ color 74.5116, 83.4732,

86.3135.

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

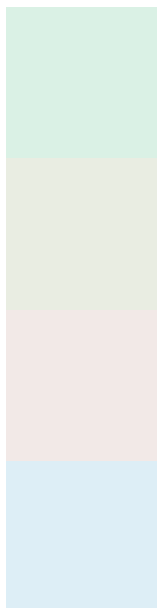




Tritanopia

78.7656, 83.4763, 106.5689

Trichromacy



Original Color

74.5116, 83.4732, 86.3135

Protanomaly

77.6159, 83.3830, 83.9552

Deuteranomaly

80.1807, 82.9246, 87.3814

Tritanomaly

77.0279, 83.1750, 99.1834

Monochromacy



Original Color

74.5116, 83.4732, 86.3135

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.5558, 82.3111, 88.1966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5116, 83.4732, 86.3135 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(218, 241, 229) looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 229)  
}
```

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(218, 241, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.5116, 83.4732, 86.3135 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(218, 241, 229) }
```


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

```
.border{ border-color:rgb(218, 241, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 229);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5116, 83.4732, 86.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 229) }
```

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

```
.background{ background-color: rgb(218,  
241, 229) }
```

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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