

Converting Colors

XYZ(74.3912, 87.4445, 85.8861)

Have a look what the booklet for
XYZ(74.3912, 87.4445, 85.8861)
contains.

XYZ(74.3452, 87.4726, 85.6385)	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(74.3452, 87.4726,
85.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FAE3
RGB	209, 250, 227
RGB Percent	82%, 98%, 89%
CMY	0.1804, 0.0196, 0.1098
CMYK	0.16, 0.00, 0.09, 0.02
HSL	146°, 80%, 90%
HSV	146°, 16%, 98%
XYZ	74.3452, 87.4726, 85.6385
YIQ	235.1190, -17.0530, -15.8450

Conversions

Conversions Part 2

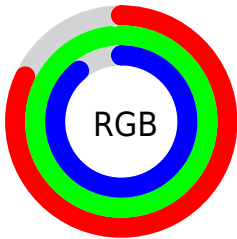
Format	Color
R_{YB}	209, 237, 250
Decimal	13761251
CIE _{Lab}	94.94, -17.49, 6.66
CIE _{LCh}	95, 18.718, 159.162
Yxy	87.4726, 0.3004, 0.3535
Android (android.graphics.Color)	4291951331 (0xFFD1FAE3)
YUV	235.1190, -4.0027, -22.9064
Hunter-Lab	93.5268, -21.7808, 11.1794

Details

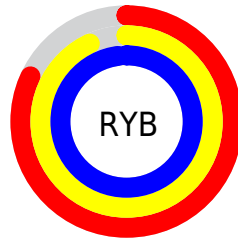
The XYZ color **74.3452, 87.4726, 85.6385** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7934, 71.7532, 86.1501**, and the grayscale version is **79.0971, 83.2163, 90.6225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8428, 47.9885, 46.1925** is the 20% darker color. If you saturate the color by 10%, you get **65.9619, 83.3679, 75.5500**, and if you desaturate by 10%, it is **84.0010, 92.2199, 96.6135**.

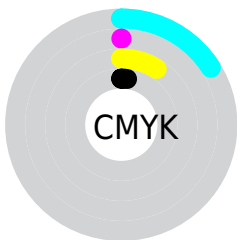
Distribution



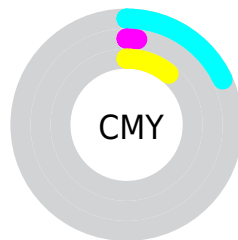
- Red (82%)
- Green (98%)
- Blue (89%)



- Red (82%)
- Yellow (93%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3452, 87.4726, 85.6385 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 74.3452, 87.4726, 85.6385 by changing the saturation by 10% instead.


 74.3452, 87.4726,
85.6385

 74.3452, 87.4726,
85.6385


464.6958,
519.7746, 533.9381

 55.3689, 65.8864,
63.8159


124.3779,
143.8227, 143.1470

 39.9322, 48.1802,
46.0564


156.1650,
179.3553, 179.6700

 27.6696, 33.9696,
31.9413

192.9531,
220.3056, 221.9301

 18.2160, 22.8702,
21.0522

235.1076,
267.0578, 270.3461

 11.2058, 14.4977,
12.9706

282.9937,
319.9964, 325.3363

 6.2737, 8.4676,
7.2778

336.9769,

 3.0545, 4.3956,

379.5058, 387.3193

3.5554

397.4225,
445.9704, 456.7137

■ 1.1826, 1.8972,
1.3847

■ 0.0926, 0.5467,
0.1298

■ 74.3452, 87.4726,
85.6385

■ 74.3452, 87.4726,
85.6385

■ 65.9619, 83.3679,
75.5500

■ 84.0010, 92.2199,
96.6135

■ 58.7885, 79.8668,
66.3201

■ 93.4773, 96.8546,
108.3758

■ 52.7679, 76.9425,
57.9277

■ 47.8350, 74.5622,
50.3486

■ 43.9184, 72.6894,
43.5576

■ 40.9373, 71.2829,
37.5277

■ 38.7976, 70.2949,
32.2306

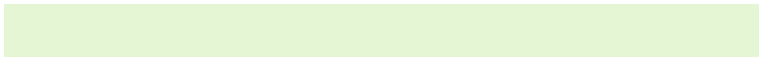
■ 37.3828, 69.6658,
27.6351

■ 36.9881, 69.4949,
26.1448

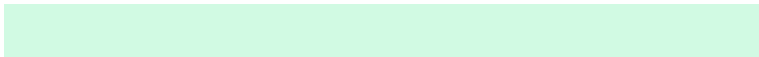
Harmonies

Analogous

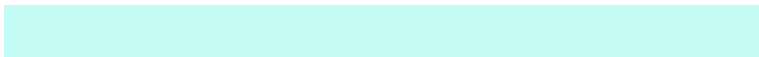
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1256, 87.4726, 75.1661



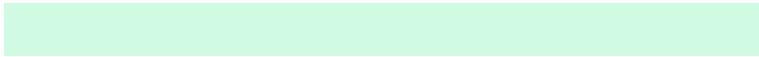
74.3452, 87.4726, 85.6385



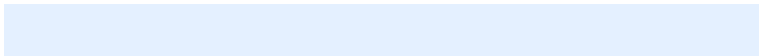
73.8691, 87.4726, 99.7647

Triad

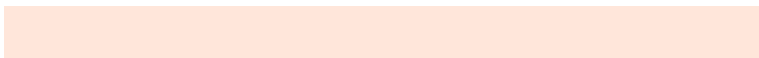
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3452, 87.4726, 85.6385



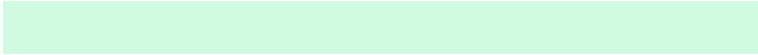
84.7044, 87.4726, 125.6000



90.9422, 87.4726, 78.6537

Complementary

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



74.3452, 87.4726, 85.6385



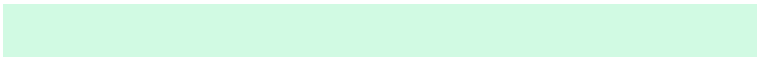
76.7934, 71.7532, 86.1501

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.



93.1560, 87.4726, 90.8596



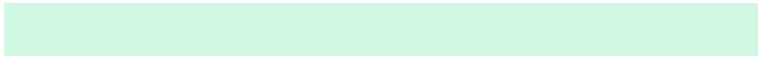
74.3452, 87.4726, 85.6385



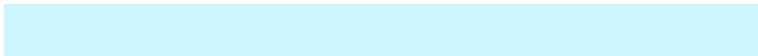
89.4594, 87.4726, 118.6095

Square

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



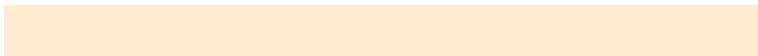
74.3452, 87.4726, 85.6385



79.7152, 87.4726, 123.8379



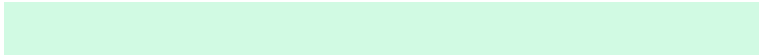
92.6026, 87.4726, 105.5396



86.6617, 87.4726, 71.4277

Rectangle

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



74.3452, 87.4726, 85.6385



74.9025, 87.4726, 109.5278



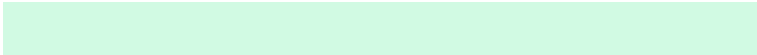
92.6026, 87.4726, 105.5396



91.9605, 87.4726, 82.2572

Sweetspot

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



74.3476, 87.4763, 85.6404



89.3834, 97.2093, 102.7349



79.0519, 90.1736, 73.5614



18.9673, 20.7259, 21.8081



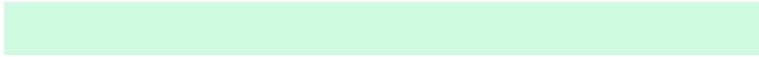
0.0000, 0.0000, 0.0000



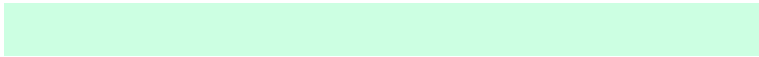
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3476, 87.4763, 85.6404



74.4427, 89.8697, 85.6543



77.3127, 88.6623, 101.2545



17.3339, 19.4358, 19.9588



19.6882, 36.8883, 14.2332



1.8757, 3.4374, 1.5934

Inverse Universe

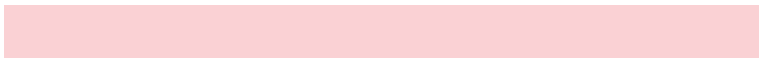
The Inverse Universe completely reimagines the original color for something new.



76.7934, 71.7532, 86.1501



77.4854, 70.3067, 86.2868



74.0774, 70.6668, 71.8481



17.6524, 17.3883, 20.0254



23.5063, 11.8182, 14.6405



2.2304, 1.1159, 1.6366

Previews

White Background



This preview shows how the XYZ color 74.3452, 87.4726, 85.6385 looks on a white background.

Color Contrast Check

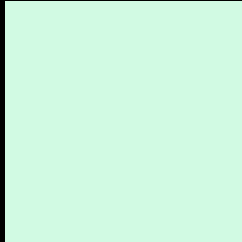
Large Text (above 18pt) WCAG AA × Fail

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 74.3452, 87.4726, 85.6385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

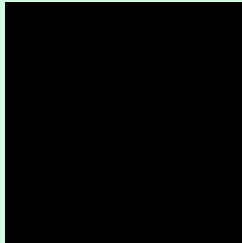
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

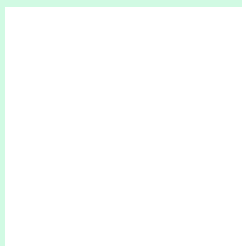
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3452, 87.4726, 85.6385

Background



This preview shows how black text looks on a background with the XYZ color 74.3452, 87.4726, 85.6385.



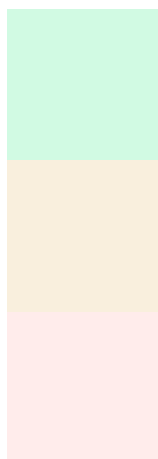
This preview shows how white text looks on a background with the XYZ color 74.3452, 87.4726,

85.6385.

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

74.3452, 87.4726, 85.6385

Protanopia

82.9846, 87.0932, 80.8435

Deuteranopia

86.2308, 87.2491, 90.8932



Tritanopia

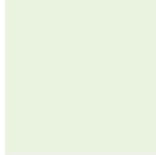
81.1519, 87.3287, 107.1867

Trichromacy



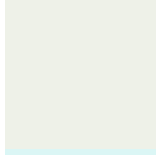
Original Color

74.3452, 87.4726, 85.6385



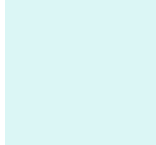
Protanomaly

79.3016, 86.9213, 82.4099



Deuteranomaly

81.2807, 86.9139, 88.8360



Tritanomaly

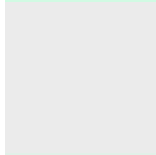
78.6506, 87.5642, 99.1424

Monochromacy



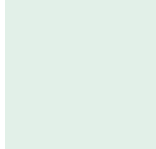
Original Color

74.3452, 87.4726, 85.6385



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

77.0896, 84.3151, 88.5553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3452, 87.4726, 85.6385 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(209, 250, 227)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 227)  
}
```

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(209, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.3452, 87.4726, 85.6385 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(209, 250, 227) }
```


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

```
.border{ border-color:rgb(209, 250, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 250, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3452, 87.4726, 85.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 227) }
```

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

```
.background{ background-color: rgb(209,  
250, 227) }
```

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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