

Converting Colors

XYZ(92.0698, 119.1116,
90.4581)

Have a look what the booklet for
XYZ(92.0698, 119.1116, 90.4581)
contains.

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Color

**XYZ(78.5386, 91.9715,
86.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFE3
RGB	218, 255, 227
RGB Percent	85%, 100%, 89%
CMY	0.1451, 0.0000, 0.1098
CMYK	0.15, 0.00, 0.11, 0.00
HSL	135°, 100%, 93%
HSV	135°, 15%, 100%
XYZ	78.5386, 91.9715, 86.2859
YIQ	240.7450, -13.0640, -16.5520

Conversions

Conversions Part 2

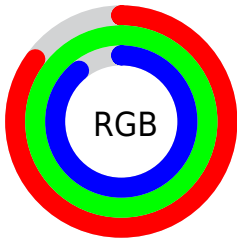
Format	Color
R_{YB}	218, 248, 255
Decimal	14352355
CIE _{Lab}	96.81, -17.05, 9.42
CIE _{LCh}	97, 19.480, 151.084
Yxy	91.9715, 0.3058, 0.3582
Android (android.graphics.Color)	4292542435 (0xFFDAFFE3)
YUV	240.7450, -6.7763, -19.9474
Hunter-Lab	95.9018, -21.6458, 13.7861

Details

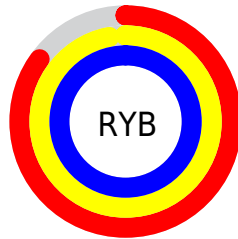
The XYZ color **78.5386, 91.9715, 86.2859** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.9464, 78.0575, 97.8835**, and the grayscale version is **83.4671, 87.8139, 95.6294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7447, 51.1533, 46.6504** is the 20% darker color. If you saturate the color by 10%, you get **68.9744, 87.3316, 72.7058**, and if you desaturate by 10%, it is **89.5760, 97.3363, 101.4961**.

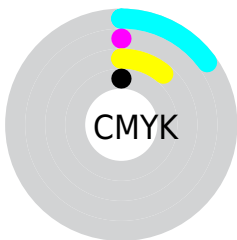
Distribution



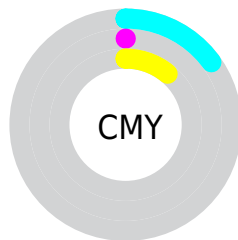
- Red (85%)
- Green (100%)
- Blue (89%)



- Red (85%)
- Yellow (97%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5386, 91.9715, 86.2859 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 78.5386, 91.9715, 86.2859 by changing the saturation by 10% instead.

78.5386, 91.9715,
86.2859

78.5386, 91.9715,
86.2859

478.8059,
534.4234, 536.1286

58.8208, 69.6170,
64.3482

130.2705,
150.0739, 144.0585

42.7147, 51.2143,
46.4847

163.0153,
186.5905, 180.7304

29.8549, 36.3792,
32.2771

200.8331,
228.5967, 223.1507

19.8760, 24.7272,
21.3067

244.0894,
276.4767, 271.7381

12.4127, 15.8739,
13.1549

293.1495,
330.6149, 326.9111

7.0996, 9.4350,
7.4033

348.3787,

3.5713, 5.0260,

391.3959, 389.0881

3.6334

410.1424,
459.2039, 458.6878

■ 1.4626, 2.2625,
1.4264

■ 0.3002, 0.7538,
0.1622

■ 78.5386, 91.9715,
86.2859

■ 78.5386, 91.9715,
86.2859

■ 68.9744, 87.3316,
72.7058

■ 89.5760, 97.3363,
101.4961

■ 60.8179, 83.3842,
60.6973

95.0500, 100.0000,
108.9000

■ 54.0019, 80.0956,
50.2048

■ 48.4528, 77.4292,
41.1675

■ 44.0895, 75.3446,
33.5209

■ 40.8215, 73.7964,
27.1954

■ 38.5443, 72.7326,
22.1151

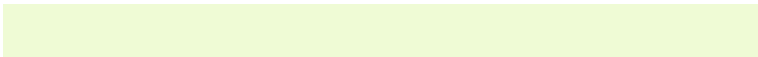
■ 37.1314, 72.0895,
18.1963

■ 36.6304, 71.8681,
16.5033

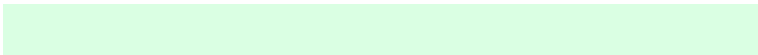
Harmonies

Analogous

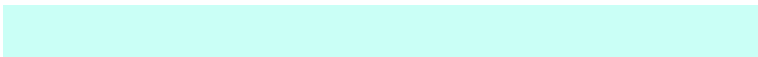
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1033, 91.9715, 76.5202



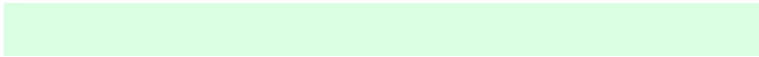
78.5386, 91.9715, 86.2859



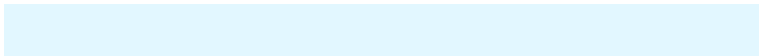
77.3271, 91.9715, 100.7117

Triad

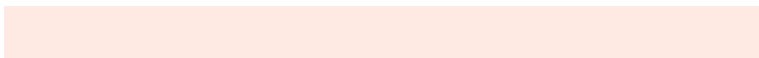
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5386, 91.9715, 86.2859



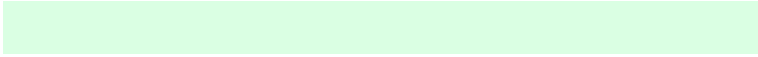
87.6151, 91.9715, 133.3375



96.7259, 91.9715, 85.3962

Complementary

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



78.5386, 91.9715, 86.2859



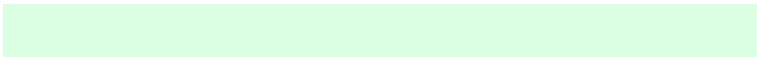
82.9464, 78.0575, 97.8835

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.



98.3467, 91.9715, 99.5732



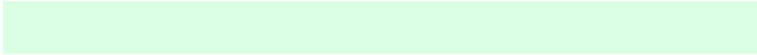
78.5386, 91.9715, 86.2859



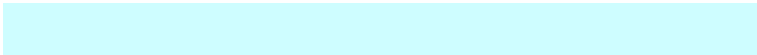
92.9533, 91.9715, 128.1829

Square

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



78.5386, 91.9715, 86.2859



82.4340, 91.9715, 128.8552



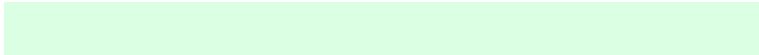
96.9387, 91.9715, 115.4058



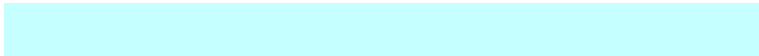
92.5951, 91.9715, 76.0454

Rectangle

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



78.5386, 91.9715, 86.2859



77.9753, 91.9715, 111.3600



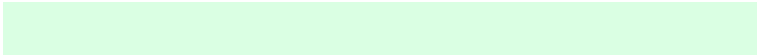
96.9387, 91.9715, 115.4058



97.5899, 91.9715, 89.7026

Sweetspot

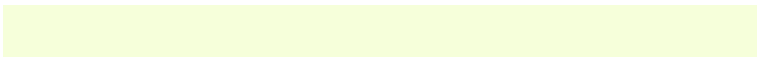
The Sweet Spot groups the original color and five complimentary colors.



78.5394, 91.9719, 86.2873



90.1784, 97.6293, 102.3148



86.5500, 96.2413, 80.3456



19.1117, 20.8042, 21.6410



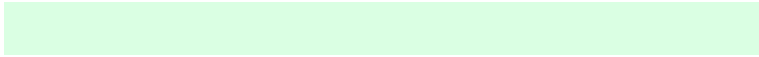
0.0000, 0.0000, 0.0000



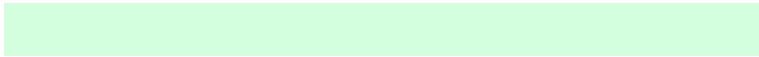
20.3446, 21.4041, 23.3091

Same Dimension

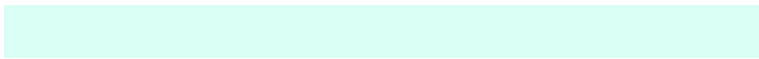
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5394, 91.9719, 86.2873



76.0216, 90.7495, 82.7542



81.1758, 93.0264, 100.1708



17.9527, 20.2406, 20.0540



19.1889, 37.5722, 8.8800



1.9092, 3.6746, 1.0798

Inverse Universe

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



82.9464, 78.0575, 97.8835



81.0944, 74.7315, 96.1008



80.2971, 76.9978, 83.9327



18.5927, 18.2204, 21.7381



26.6385, 13.1447, 27.8108



2.6366, 1.2970, 2.9340

Previews

White Background



This preview shows how the XYZ color 78.5386, 91.9715, 86.2859 looks on a white background.

Color Contrast Check

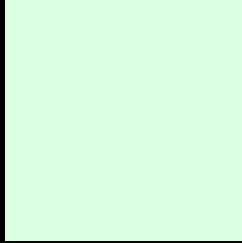
Large Text (above 18pt) WCAG AA × Fail

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 78.5386, 91.9715, 86.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

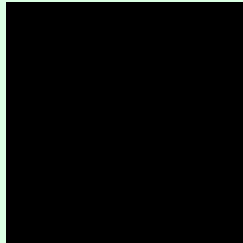
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

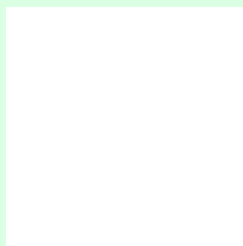
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5386, 91.9715, 86.2859

Background



This preview shows how black text looks on a background with the XYZ color 78.5386, 91.9715, 86.2859.



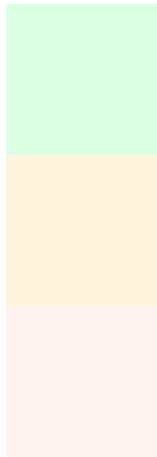
This preview shows how white text looks on a background with the XYZ color 78.5386, 91.9715,

86.2859.

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

78.5386, 91.9715, 86.2859

Protanopia

87.0772, 91.8387, 82.2444

Deuteranopia

89.1678, 91.7121, 96.2216



Tritanopia

86.5707, 91.9187, 107.7871

Trichromacy



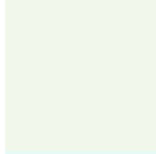
Original Color

78.5386, 91.9715, 86.2859



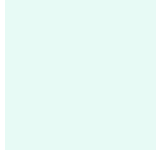
Protanomaly

83.9482, 92.0104, 83.8563



Deuteranomaly

85.0190, 91.4549, 92.5285



Tritanomaly

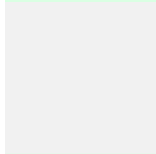
83.6220, 91.9527, 99.7275

Monochromacy



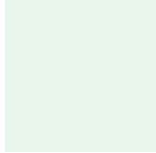
Original Color

78.5386, 91.9715, 86.2859



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7004, 89.2913, 92.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5386, 91.9715, 86.2859 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, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 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(218, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 227) }
```

Border

The CSS property to change the border of an element to XYZ 78.5386, 91.9715, 86.2859 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, 255, 227) }
```


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

```
.border{ border-color:rgb(218, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5386, 91.9715, 86.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 227) }
```

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

```
.background{ background-color: rgb(218,  
255, 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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