

Converting Colors

XYZ(78.9231, 85.6353,
106.9773)

Have a look what the booklet for
XYZ(78.9231, 85.6353, 106.9773)
contains.

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Color

**XYZ(79.0155, 85.7843,
107.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF2FF
RGB	219, 242, 255
RGB Percent	86%, 95%, 100%
CMY	0.1412, 0.0510, 0.0000
CMYK	0.14, 0.05, 0.00, 0.00
HSL	202°, 100%, 93%
HSV	202°, 14%, 100%
XYZ	79.0155, 85.7843, 107.0012
YIQ	236.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

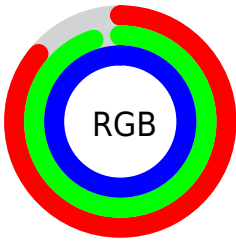
Format	Color
R_{YB}	219, 233, 255
Decimal	14414591
CIE _{Lab}	94.22, -4.95, -8.81
CIE _{LCh}	94, 10.100, 240.682
Yxy	85.7843, 0.2907, 0.3156
Android (android.graphics.Color)	4292604671 (0xFFDBF2FF)
YUV	236.6050, 9.0687, -15.4396
Hunter-Lab	92.6198, -9.8034, -3.6623

Details

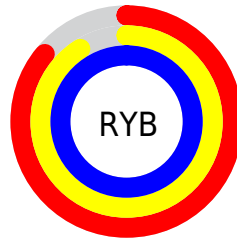
The XYZ color **79.0155, 85.7843, 107.0012** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8823, 84.0862, 78.8813**, and the grayscale version is **80.1369, 84.3103, 91.8139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0618, 47.0875, 60.2453** is the 20% darker color. If you saturate the color by 10%, you get **69.2529, 76.7882, 105.7793**, and if you desaturate by 10%, it is **90.0957, 95.6690, 108.3251**.

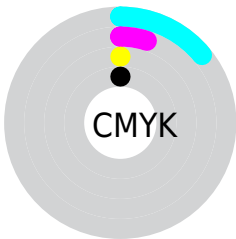
Distribution



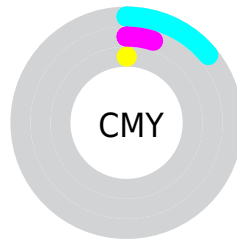
- Red (86%)
- Green (95%)
- Blue (100%)



- Red (86%)
- Yellow (91%)
- Blue (100%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0155, 85.7843, 107.0012 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 79.0155, 85.7843, 107.0012 by changing the saturation by 10% instead.

79.0155, 85.7843,
107.0012

79.0155, 85.7843,
107.0012

480.3960,
514.2197, 603.8508

59.2142, 64.4896,
81.5109

130.9385,
141.4684, 172.8811

43.0326, 47.0474,
60.4290

163.7909,
176.6267, 214.1079

30.1053, 33.0731,
43.3370

201.7245,
217.1749, 261.4171

20.0670, 22.1824,
29.8162

245.1044,
263.4976, 315.2275

12.5523, 13.9910,
19.4483

294.2962,
315.9790, 375.9575

7.1959, 8.1144,
11.8146

349.6652,

3.6323, 4.1683,

375.0035, 444.0257

6.4965

411.5766,
440.9556, 519.8506

■ 1.4963, 1.7681,
3.0757

■ 0.3233, 0.4672,
1.1334

■ 79.0155, 85.7843,
107.0012

■ 79.0155, 85.7843,
107.0012

■ 69.2529, 76.7882,
105.7793

■ 90.0957, 95.6690,
108.3251

■ 60.7458, 68.6388,
104.6547

95.0500, 100.0000,
108.9000

■ 53.4370, 61.3058,
103.6245

■ 47.2618, 54.7529,
102.6851

■ 42.1493, 48.9401,
101.8326

■ 38.0193, 43.8231,
101.0626

■ 34.7794, 39.3506,
100.3701

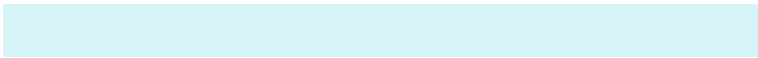
■ 32.3168, 35.4612,
99.7492

■ 31.1379, 33.3958,
99.4126

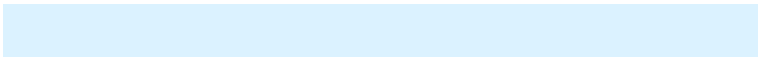
Harmonies

Analogous

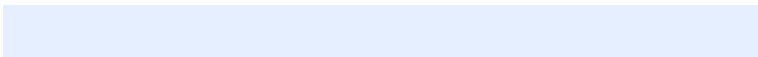
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1444, 85.7843, 101.2121



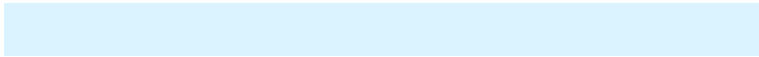
79.0155, 85.7843, 107.0012



81.5973, 85.7843, 109.1021

Triad

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



79.0155, 85.7843, 107.0012



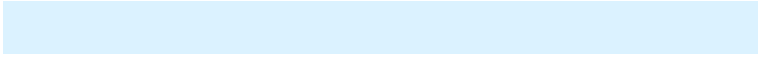
86.8466, 85.7843, 93.2273



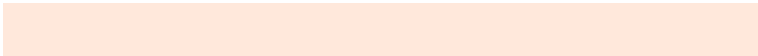
78.9105, 85.7843, 81.1728

Complementary

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



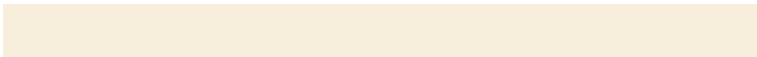
79.0155, 85.7843, 107.0012



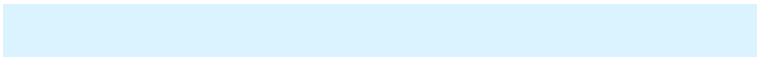
82.8823, 84.0862, 78.8813

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.



81.4735, 85.7843, 79.2898



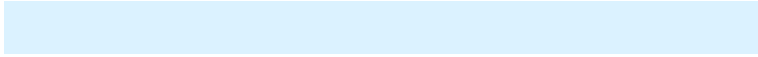
79.0155, 85.7843, 107.0012



86.0899, 85.7843, 86.0091

Square

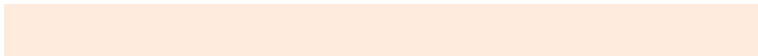
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0155, 85.7843, 107.0012



86.1542, 85.7843, 100.8884



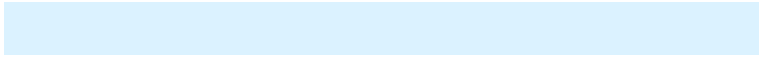
84.1083, 85.7843, 81.0114



77.0847, 85.7843, 86.3002

Rectangle

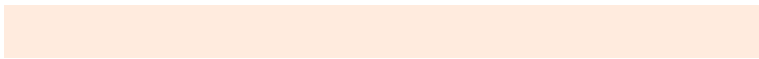
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0155, 85.7843, 107.0012



83.3859, 85.7843, 108.0422



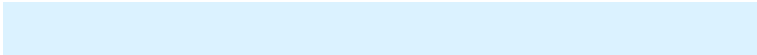
84.1083, 85.7843, 81.0114



79.7125, 85.7843, 80.1525

Sweetspot

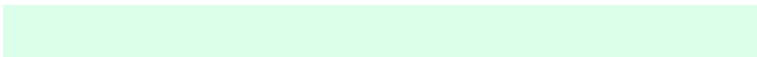
The Sweet Spot groups the original color and five complimentary colors.



79.0178, 85.7878, 107.0018



90.2330, 95.7897, 108.3412



79.4830, 92.3840, 89.6901



19.1249, 20.3370, 23.1674



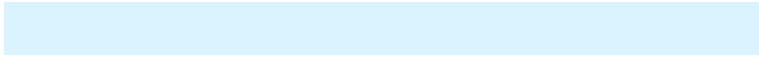
0.0000, 0.0000, 0.0000



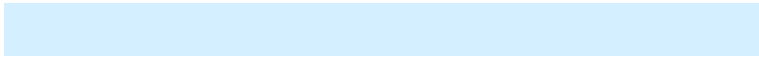
20.3446, 21.4041, 23.3091

Same Dimension

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



79.0178, 85.7878, 107.0018



76.0700, 83.1039, 106.6391



74.0279, 75.8080, 105.3385



17.9711, 19.3138, 23.0307



16.4170, 17.7435, 51.9942



1.7022, 1.9351, 5.0971

Inverse Universe

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



82.5999, 78.3353, 94.7752



80.3280, 74.4249, 92.0653



88.0880, 94.4977, 80.6165



18.4980, 18.1825, 21.2399



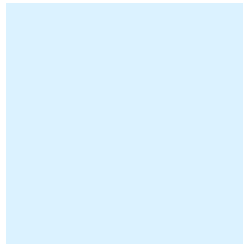
25.0747, 12.5192, 19.5757



2.4938, 1.2399, 2.1817

Previews

White Background



This preview shows how the XYZ color 79.0155, 85.7843, 107.0012 looks on a white background.

Color Contrast Check

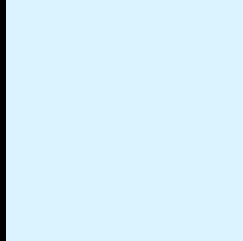
Large Text (above 18pt) WCAG AA × Fail

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 79.0155, 85.7843, 107.0012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

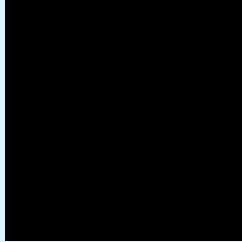
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

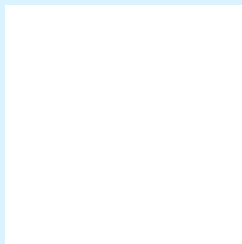
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0155, 85.7843, 107.0012

Background



This preview shows how black text looks on a background with the XYZ color 79.0155, 85.7843, 107.0012.



This preview shows how white text looks on a background with the XYZ color 79.0155, 85.7843,

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

79.0155, 85.7843, 107.0012

Protanopia

83.1148, 85.7738, 104.2708

Deuteranopia

86.6903, 85.4425, 106.5307



Tritanopia

80.2614, 85.5477, 106.8899

Trichromacy



Original Color

79.0155, 85.7843, 107.0012

Protanomaly

81.5511, 85.8138, 105.1940

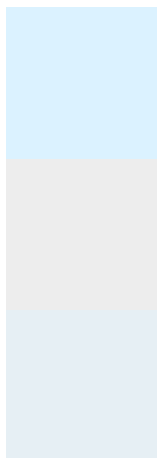
Deuteranomaly

83.6421, 85.5616, 106.7144

Tritanomaly

79.9367, 85.8186, 106.9593

Monochromacy



Original Color

79.0155, 85.7843, 107.0012

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.8288, 85.0877, 97.8041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0155, 85.7843, 107.0012 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(219, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 255)  
}
```

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(219, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.0155, 85.7843, 107.0012 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(219, 242, 255) }
```


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

```
.border{ border-color:rgb(219, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0155, 85.7843, 107.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 255) }
```

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

```
.background{ background-color: rgb(219,  
242, 255) }
```

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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