

Converting Colors

XYZ(82.8780, 87.2323,
125.8967)

Have a look what the booklet for
XYZ(82.8780, 87.2323, 125.8967)
contains.

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Color

**XYZ(79.3173, 85.9399,
107.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF2FF
RGB	220, 242, 255
RGB Percent	86%, 95%, 100%
CMY	0.1372, 0.0510, 0.0000
CMYK	0.14, 0.05, 0.00, 0.00
HSL	202°, 100%, 93%
HSV	202°, 14%, 100%
XYZ	79.3173, 85.9399, 107.0153
YIQ	236.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

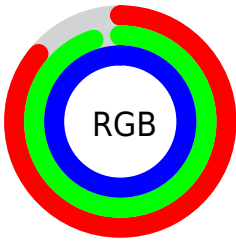
Format	Color
R_{YB}	220, 234, 255
Decimal	14480127
CIE _{Lab}	94.29, -4.63, -8.70
CIE _{LCh}	94, 9.858, 241.955
Yxy	85.9399, 0.2913, 0.3156
Android (android.graphics.Color)	4292670207 (0xFFDCF2FF)
YUV	236.9040, 8.9213, -14.8248
Hunter-Lab	92.7038, -9.5071, -3.5505

Details

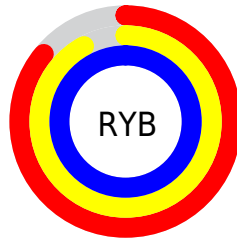
The XYZ color **79.3173, 85.9399, 107.0153** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2966, 84.7036, 79.6709**, and the grayscale version is **80.3674, 84.5528, 92.0780**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2690, 47.1944, 60.2550** is the 20% darker color. If you saturate the color by 10%, you get **69.4353, 76.7719, 105.7666**, and if you desaturate by 10%, it is **90.5269, 96.0135, 108.3689**.

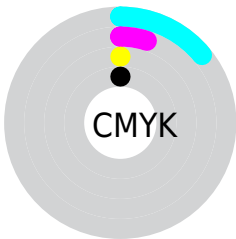
Distribution



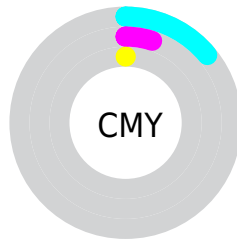
- Red (86%)
- Green (95%)
- Blue (100%)



- Red (86%)
- Yellow (92%)
- 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 79.3173, 85.9399, 107.0153 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 79.3173, 85.9399, 107.0153 by changing the saturation by 10% instead.

79.3173, 85.9399,
107.0153

79.3173, 85.9399,
107.0153

481.4008,
514.7330, 603.8955

59.4633, 64.6183,
81.5227

131.3610,
141.6856, 172.9006

43.2340, 47.1516,
60.4386

164.2814,
176.8785, 214.1303

30.2640, 33.1555,
43.3447

202.2880,
217.4639, 261.4427

20.1882, 22.2456,
29.8222

245.7461,
263.8263, 315.2565

12.6409, 14.0375,
19.4528

295.0211,
316.3500, 375.9901

7.2571, 8.1467,
11.8178

350.4782,

3.6711, 4.1890,

375.4194, 444.0621

6.4987

412.4830,
441.4190, 519.8911

■ 1.5178, 1.7798,
3.0770

■ 0.3379, 0.4746,
1.1341

■ 79.3173, 85.9399,
107.0153

■ 79.3173, 85.9399,
107.0153

■ 69.4353, 76.7719,
105.7666

■ 90.5269, 96.0135,
108.3689

■ 60.8187, 68.4674,
104.6178

95.0500, 100.0000,
108.9000

■ 53.4104, 60.9958,
103.5661

■ 47.1459, 54.3204,
102.6078

■ 41.9539, 48.4011,
101.7389

■ 37.7549, 43.1933,
100.9550

■ 34.4566, 38.6458,
100.2511

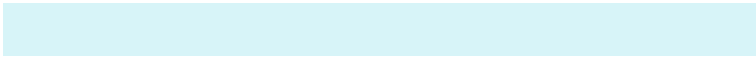
■ 31.9472, 34.6970,
99.6211

■ 30.6760, 32.4719,
99.2587

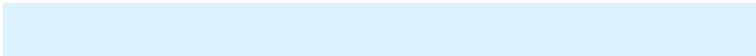
Harmonies

Analogous

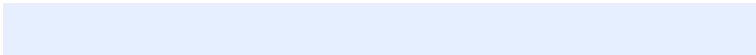
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4471, 85.9399, 101.4898



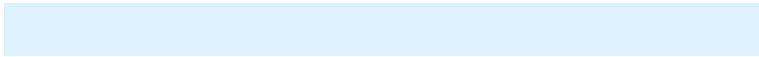
79.3173, 85.9399, 107.0153



81.8568, 85.9399, 108.8857

Triad

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



79.3173, 85.9399, 107.0153



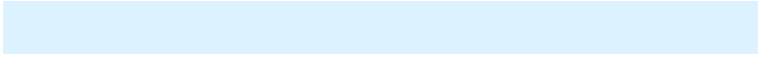
86.8680, 85.9399, 93.0783



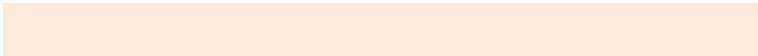
79.0232, 85.9399, 81.7610

Complementary

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



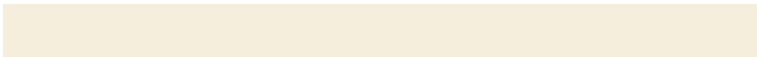
79.3173, 85.9399, 107.0153



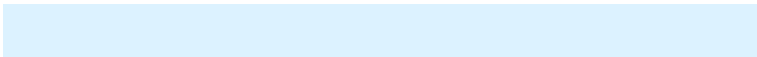
83.2966, 84.7036, 79.6709

Split Complementary

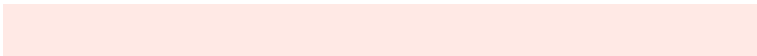
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5100, 85.9399, 79.7695



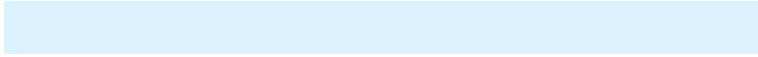
79.3173, 85.9399, 107.0153



86.0712, 85.9399, 86.0808

Square

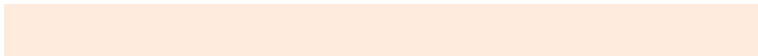
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3173, 85.9399, 107.0153



86.2509, 85.9399, 100.5846



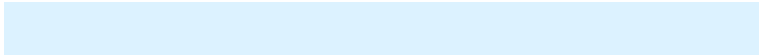
84.0959, 85.9399, 81.3080



77.2799, 85.9399, 86.8968

Rectangle

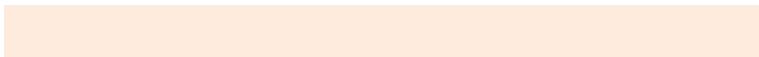
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3173, 85.9399, 107.0153



83.5980, 85.9399, 107.7315



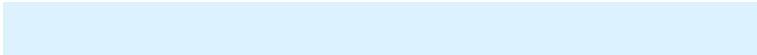
84.0959, 85.9399, 81.3080



79.7980, 85.9399, 80.7145

Sweetspot

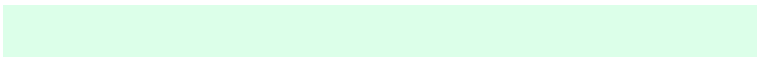
The Sweet Spot groups the original color and five complimentary colors.



79.3196, 85.9434, 107.0159



90.2001, 95.7239, 108.3302



79.9603, 92.6097, 90.6282



19.1166, 20.3203, 23.1646



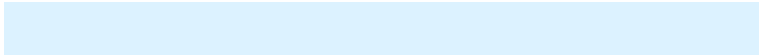
0.0000, 0.0000, 0.0000



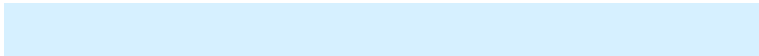
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3196, 85.9434, 107.0159



76.9562, 83.7786, 106.7226



74.4016, 76.1074, 105.3766



17.9548, 19.2812, 23.0253



16.1767, 17.2629, 51.9141



1.6798, 1.8903, 5.0896

Inverse Universe

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



82.8616, 78.8587, 94.8625



81.0432, 75.7368, 92.6692



88.4479, 95.0062, 81.3880



18.4898, 18.1792, 21.1966



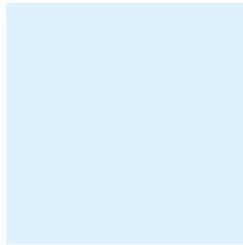
24.9534, 12.4707, 18.9371



2.4825, 1.2354, 2.1222

Previews

White Background



This preview shows how the XYZ color 79.3173, 85.9399, 107.0153 looks on a white background.

Color Contrast Check

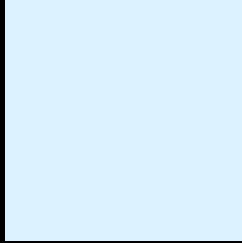
Large Text (above 18pt) WCAG AA × Fail

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 79.3173, 85.9399, 107.0153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

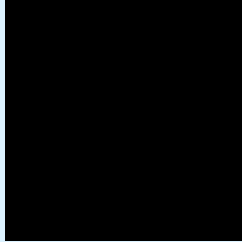
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

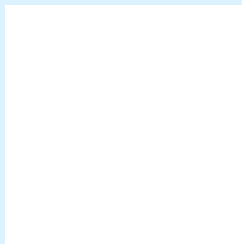
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3173, 85.9399, 107.0153

Background



This preview shows how black text looks on a background with the XYZ color 79.3173, 85.9399, 107.0153.



This preview shows how white text looks on a background with the XYZ color 79.3173, 85.9399,

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

79.3173, 85.9399, 107.0153

Protanopia

83.4515, 85.9474, 104.2866

Deuteranopia

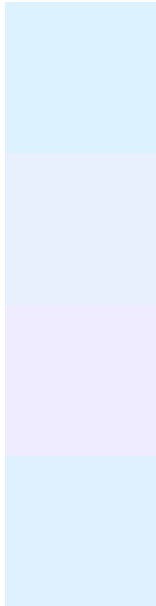
86.6903, 85.4425, 106.5307



Tritanopia

80.2614, 85.5477, 106.8899

Trichromacy



Original Color

79.3173, 85.9399, 107.0153

Protanomaly

81.8748, 85.9807, 105.2092

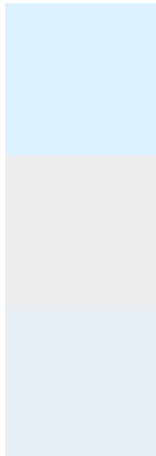
Deuteranomaly

83.9806, 85.7362, 106.7302

Tritanomaly

79.9367, 85.8186, 106.9593

Monochromacy



Original Color

79.3173, 85.9399, 107.0153

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1506, 85.2536, 97.8191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3173, 85.9399, 107.0153 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(220, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3173, 85.9399, 107.0153 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(220, 242, 255) }
```


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

```
.border{ border-color:rgb(220, 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(220, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3173, 85.9399, 107.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 242, 255) }
```

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

```
.background{ background-color: rgb(220,  
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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