

Converting Colors

XYZ(78.8402, 84.6116,
106.7841)

Have a look what the booklet for
XYZ(78.8402, 84.6116, 106.7841)
contains.

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Color

**XYZ(79.0289, 84.9123,
106.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF0FF
RGB	221, 240, 255
RGB Percent	87%, 94%, 100%
CMY	0.1333, 0.0588, 0.0000
CMYK	0.13, 0.06, 0.00, 0.00
HSL	206°, 100%, 93%
HSV	206°, 13%, 100%
XYZ	79.0289, 84.9123, 106.8322
YIQ	236.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

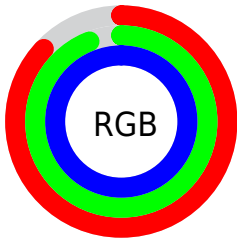
Format	Color
R _Y B	221, 233, 255
Decimal	14545151
CIE Lab	93.85, -3.30, -9.35
CIE LCh	94, 9.915, 250.535
Yxy	84.9123, 0.2919, 0.3136
Android (android.graphics.Color)	4292735231 (0xFFDDDF0FF)
YUV	236.0290, 9.3527, -13.1804
Hunter-Lab	92.1479, -8.1716, -4.2347

Details

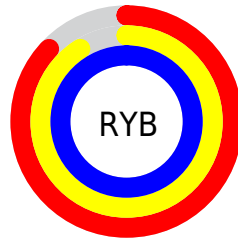
The XYZ color **79.0289, 84.9123, 106.8322** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2862, 86.4700, 80.6563**, and the grayscale version is **79.6925, 83.8427, 91.3047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0594, 46.4652, 60.1253** is the 20% darker color. If you saturate the color by 10%, you get **68.6382, 74.7940, 105.4268**, and if you desaturate by 10%, it is **90.8085, 96.0558, 108.3622**.

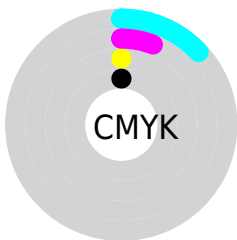
Distribution



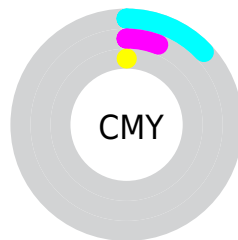
- Red (87%)
- Green (94%)
- Blue (100%)



- Red (87%)
- Yellow (91%)
- Blue (100%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0289, 84.9123, 106.8322 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 79.0289, 84.9123, 106.8322 by changing the saturation by 10% instead.

79.0289, 84.9123,
106.8322

79.0289, 84.9123,
106.8322

480.4406,
511.3378, 603.3150

59.2253, 63.7689,
81.3699

130.9573,
140.2506, 172.6484

43.0416, 46.4635,
60.3136

163.8127,
175.2144, 213.8395

30.1124, 32.6118,
43.2445

201.7495,
215.5537, 261.1105

20.0724, 21.8292,
29.7442

245.1329,
261.6530, 314.8802

12.5563, 13.7315,
19.3941

294.3284,
313.8967, 375.5669

7.1986, 7.9341,
11.7757

349.7013,

3.6340, 4.0528,

372.6691, 443.5892

6.4704

411.6169,
438.3547, 519.3658

■ 1.4973, 1.7032,
3.0598

■ 0.3240, 0.4257,
1.1253

■ 79.0289, 84.9123,
106.8322

■ 79.0289, 84.9123,
106.8322

■ 68.6382, 74.7940,
105.4268

■ 90.8085, 96.0558,
108.3622

■ 59.5729, 65.6560,
104.1408

95.0500, 100.0000,
108.9000

■ 51.7745, 57.4646,
102.9707

■ 45.1771, 50.1800,
101.9124

■ 39.7080, 43.7591,
100.9612

■ 35.2864, 38.1537,
100.1123

■ 31.8187, 33.3093,
99.3601

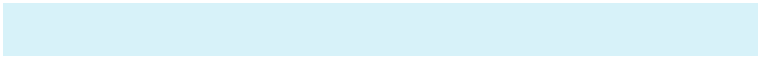
■ 29.1922, 29.1612,
98.6978

■ 27.8021, 26.7242,
98.3007

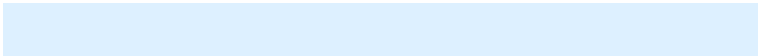
Harmonies

Analogous

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



76.9144, 84.9123, 102.2167



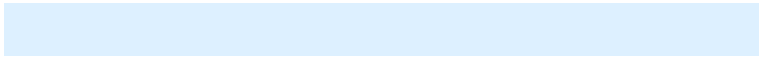
79.0289, 84.9123, 106.8322



81.6372, 84.9123, 107.4778

Triad

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



79.0289, 84.9123, 106.8322



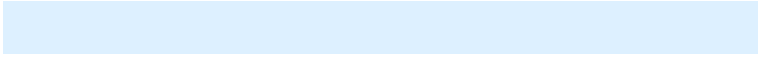
85.7945, 84.9123, 89.8255



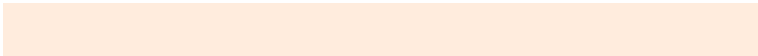
77.4561, 84.9123, 81.8529

Complementary

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



79.0289, 84.9123, 106.8322



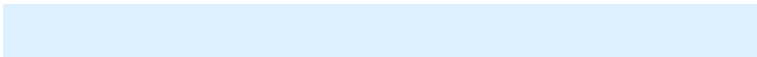
84.2862, 86.4700, 80.6563

Split Complementary

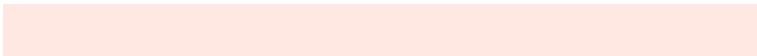
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7831, 84.9123, 78.9018



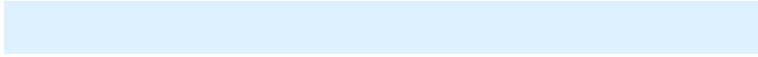
79.0289, 84.9123, 106.8322



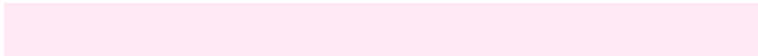
84.6215, 84.9123, 83.3356

Square

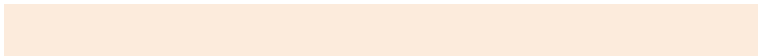
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0289, 84.9123, 106.8322



85.5818, 84.9123, 97.3784



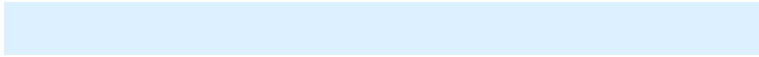
82.4079, 84.9123, 79.4294



76.0201, 84.9123, 87.7005

Rectangle

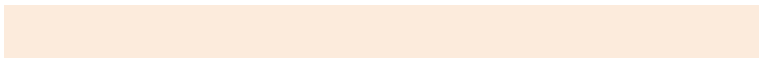
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0289, 84.9123, 106.8322



83.3100, 84.9123, 105.5339



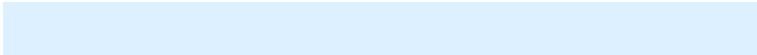
82.4079, 84.9123, 79.4294



78.1580, 84.9123, 80.5041

Sweetspot

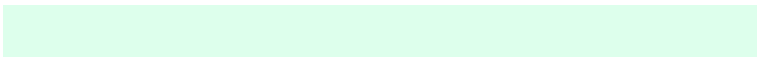
The Sweet Spot groups the original color and five complimentary colors.



79.0311, 84.9157, 106.8327



89.9780, 95.2797, 108.2562



80.6813, 92.9333, 92.8405



19.0603, 20.2078, 23.1459



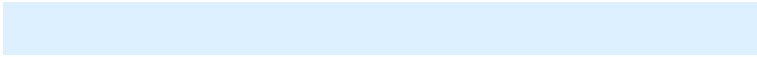
0.0000, 0.0000, 0.0000



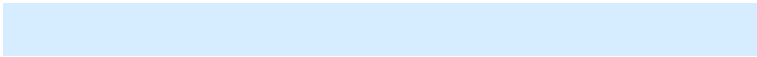
20.3446, 21.4041, 23.3091

Same Dimension

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



79.0311, 84.9157, 106.8327



76.1256, 82.1174, 106.4457



74.3291, 75.5117, 105.2654



17.8452, 19.0620, 22.9887



14.6785, 14.2667, 51.4147



1.5381, 1.6069, 5.0424

Inverse Universe

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



82.8260, 79.2658, 93.3765



80.6240, 75.5691, 90.4614



89.3327, 96.5630, 82.3385



18.4345, 18.1571, 20.9053



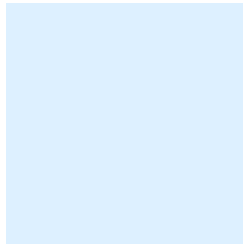
24.1973, 12.1682, 14.9551



2.4110, 1.2068, 1.7457

Previews

White Background



This preview shows how the XYZ color 79.0289, 84.9123, 106.8322 looks on a white background.

Color Contrast Check

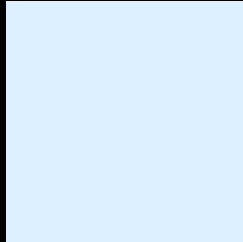
Large Text (above 18pt) WCAG AA × Fail

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 79.0289, 84.9123, 106.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

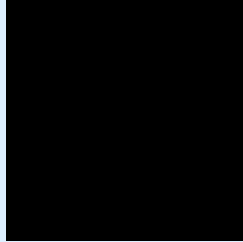
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

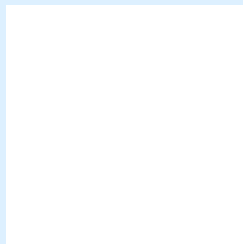
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0289, 84.9123, 106.8322

Background



This preview shows how black text looks on a background with the XYZ color 79.0289, 84.9123, 106.8322.



This preview shows how white text looks on a background with the XYZ color 79.0289, 84.9123,

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

79.6570, 84.8003, 106.7775

Trichromacy



Original Color

79.0289, 84.9123, 106.8322

Protanomaly

80.9688, 84.6491, 104.9999

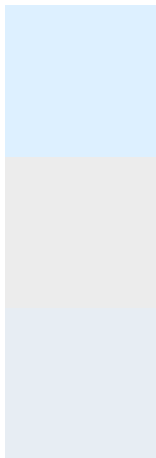
Deuteranomaly

83.0694, 84.4164, 106.5235

Tritanomaly

79.3479, 84.6410, 106.7630

Monochromacy



Original Color

79.0289, 84.9123, 106.8322

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.4168, 84.0284, 96.8274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0289, 84.9123, 106.8322 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(221, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 240, 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(221, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.0289, 84.9123, 106.8322 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(221, 240, 255) }
```


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

```
.border{ border-color:rgb(221, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 240, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 240, 255); box-shadow:4px 4px 4px 4px rgb(221, 240, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0289, 84.9123, 106.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 240, 255) }
```

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

```
.background{ background-color: rgb(221,  
240, 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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