

Converting Colors

XYZ(79.4789, 87.3229,
101.9391)

Have a look what the booklet for
XYZ(79.4789, 87.3229, 101.9391)
contains.

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Color

**XYZ(79.5701, 87.5165,
102.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF5F9
RGB	221, 245, 249
RGB Percent	87%, 96%, 98%
CMY	0.1333, 0.0392, 0.0235
CMYK	0.11, 0.02, 0.00, 0.02
HSL	189°, 70%, 92%
HSV	189°, 11%, 98%
XYZ	79.5701, 87.5165, 102.3211
YIQ	238.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

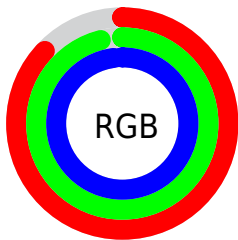
Format	Color
R _Y B	221, 234, 249
Decimal	14546425
CIE Lab	94.96, -7.02, -4.59
CIE LCh	95, 8.393, 213.182
Yxy	87.5165, 0.2954, 0.3248
Android (android.graphics.Color)	4292736505 (0xFFDDDF5F9)
YUV	238.2800, 5.2850, -15.1546
Hunter-Lab	93.5503, -11.8880, 0.6364

Details

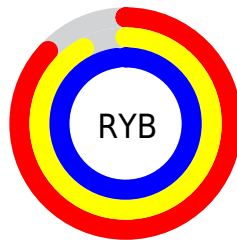
The XYZ color **79.5701, 87.5165, 102.3211** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.0438, 79.2103, 79.5313**, and the grayscale version is **81.4560, 85.6980, 93.3252**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5491, 48.3524, 57.4897** is the 20% darker color. If you saturate the color by 10%, you get **71.4797, 81.7672, 101.6392**, and if you desaturate by 10%, it is **88.8106, 93.8941, 103.0664**.

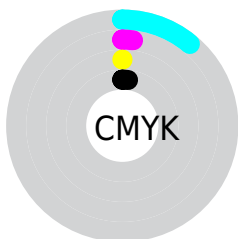
Distribution



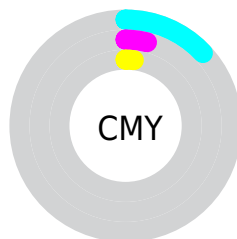
- Red (87%)
- Green (96%)
- Blue (98%)



- Red (87%)
- Yellow (92%)
- Blue (98%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5701, 87.5165, 102.3211 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 79.5701, 87.5165, 102.3211 by changing the saturation by 10% instead.

79.5701, 87.5165,
102.3211

79.5701, 87.5165,
102.3211

482.2415,
519.9186, 588.9191

59.6719, 65.9227,
77.6127

131.7148,
143.8838, 166.4229

43.4027, 48.2097,
57.2414

164.6921,
179.4262, 206.6534

30.3971, 33.9930,
40.7884

202.7598,
220.3868, 252.8950

20.2897, 22.8882,
27.8353

246.2832,
267.1502, 305.5663

12.7153, 14.5110,
17.9636

295.6277,
320.1007, 365.0859

7.3085, 8.4769,
10.7547

351.1587,

3.7038, 4.4016,

379.6226, 431.8721

5.7900

413.2415,
446.1004, 506.3437

■ 1.5360, 1.9006,
2.6511

■ 0.3501, 0.5488,
0.9187

■ 79.5701, 87.5165,
102.3211

■ 79.5701, 87.5165,
102.3211

■ 71.4797, 81.7672,
101.6392

■ 88.8106, 93.8941,
103.0664

■ 64.4824, 76.6095,
101.0124

■ 93.1852, 97.7917,
103.5882

■ 58.5275, 72.0195,
100.4403

■ 94.0991, 99.6197,
103.8929

■ 53.5576, 67.9675,
99.9201

■ 49.5093, 64.4205,
99.4489

■ 46.3120, 61.3420,
99.0232

■ 43.8842, 58.6899,
98.6392

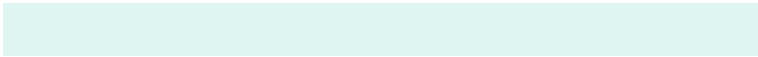
■ 42.1285, 56.4137,
98.2924

■ 41.0095, 54.6605,
98.0130

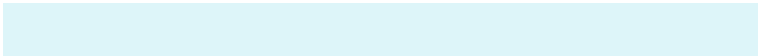
Harmonies

Analogous

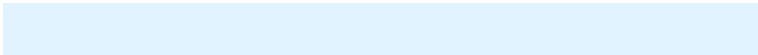
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8853, 87.5165, 95.9885



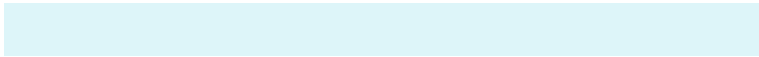
79.5701, 87.5165, 102.3211



81.2216, 87.5165, 106.9278

Triad

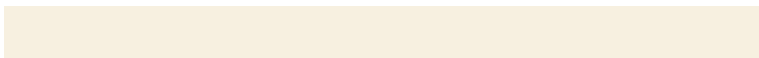
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5701, 87.5165, 102.3211



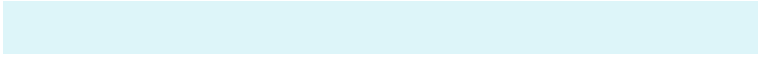
87.1517, 87.5165, 101.0619



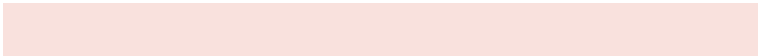
82.9390, 87.5165, 83.3082

Complementary

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



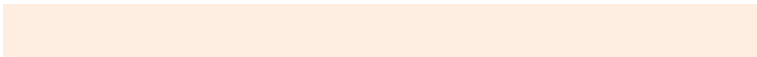
79.5701, 87.5165, 102.3211



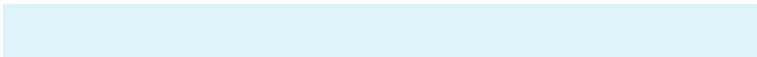
79.0438, 79.2103, 79.5313

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.



85.1733, 87.5165, 84.5299



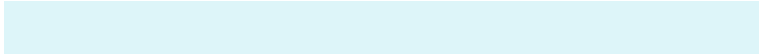
79.5701, 87.5165, 102.3211



87.6315, 87.5165, 94.5961

Square

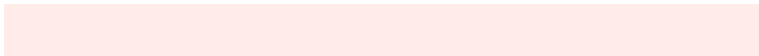
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5701, 87.5165, 102.3211



85.6017, 87.5165, 106.1778



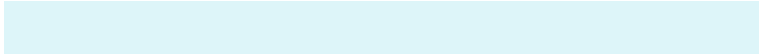
86.9012, 87.5165, 88.5897



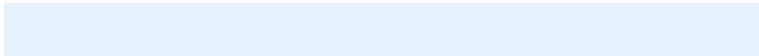
80.8079, 87.5165, 85.1742

Rectangle

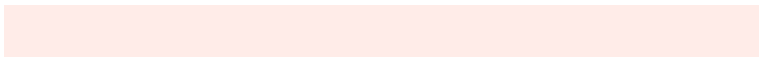
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



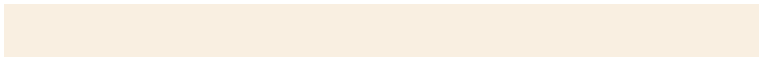
79.5701, 87.5165, 102.3211



82.6630, 87.5165, 108.2946



86.9012, 87.5165, 88.5897



83.7028, 87.5165, 83.3717

Sweetspot

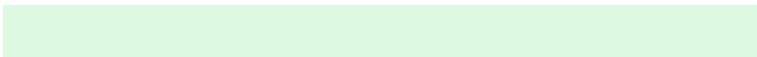
The Sweet Spot groups the original color and five complimentary colors.



79.5726, 87.5202, 102.3230



91.9440, 97.8832, 108.6551



77.2502, 88.5467, 84.0649



19.5062, 20.8321, 23.2429



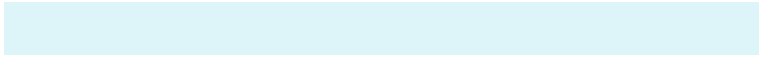
0.0000, 0.0000, 0.0000



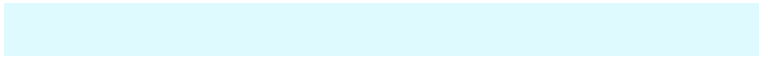
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5726, 87.5202, 102.3230



82.3974, 91.2641, 107.8807



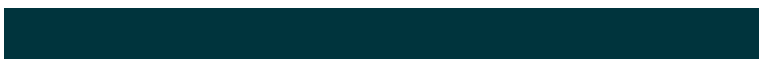
75.5698, 79.5145, 100.9888



17.5423, 19.1613, 22.1592



22.0320, 29.4196, 52.4909



2.0965, 2.8368, 4.8802

Inverse Universe

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



81.4068, 78.4470, 97.2416



84.6189, 80.3419, 101.7110



82.9080, 86.9387, 80.8193



17.8802, 17.4795, 21.2251



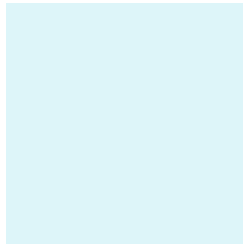
27.4128, 13.3808, 35.2116



2.5672, 1.2506, 3.4101

Previews

White Background



This preview shows how the XYZ color 79.5701, 87.5165, 102.3211 looks on a white background.

Color Contrast Check

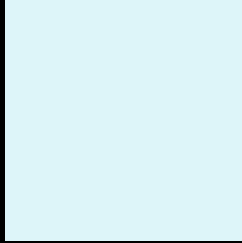
Large Text (above 18pt) WCAG AA × Fail

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 79.5701, 87.5165, 102.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

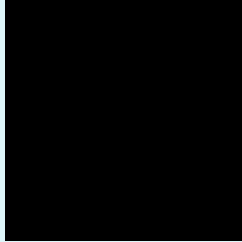
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5701, 87.5165, 102.3211

Background



This preview shows how black text looks on a background with the XYZ color 79.5701, 87.5165, 102.3211.

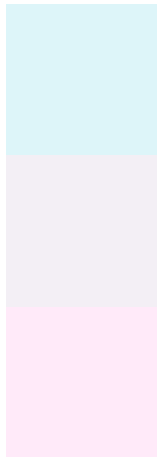


This preview shows how white text looks on a background with the XYZ color 79.5701, 87.5165,

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

79.5701, 87.5165, 102.3211

Protanopia

84.3101, 87.3803, 98.8087

Deuteranopia

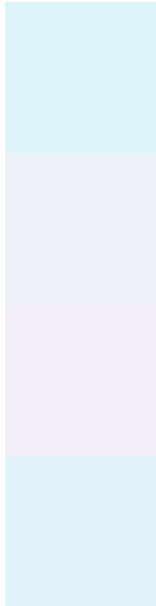
87.7617, 86.9452, 101.7791



Tritanopia

82.1152, 87.3823, 107.1463

Trichromacy



Original Color

79.5701, 87.5165, 102.3211

Protanomaly

82.3508, 87.2266, 99.6848

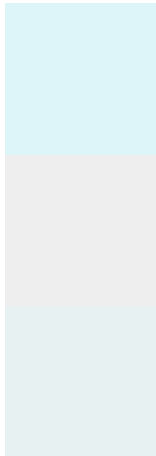
Deuteranomaly

84.6356, 87.0433, 101.9628

Tritanomaly

81.1442, 87.3618, 105.5143

Monochromacy



Original Color

79.5701, 87.5165, 102.3211

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7610, 86.4772, 96.4396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5701, 87.5165, 102.3211 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, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(221, 245, 249)  
}
```

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, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 245, 249) }
```

Border

The CSS property to change the border of an element to XYZ 79.5701, 87.5165, 102.3211 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, 245, 249) }
```


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

```
.border{ border-color:rgb(221, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(221, 245,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5701, 87.5165, 102.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 245, 249) }
```

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

```
.background{ background-color: rgb(221,  
245, 249) }
```

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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