

Converting Colors

XYZ(79.1960, 85.1642,
101.8890)

Have a look what the booklet for
XYZ(79.1960, 85.1642, 101.8890)
contains.

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Color

**XYZ(79.3103, 85.1673,
101.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F0F9
RGB	225, 240, 249
RGB Percent	88%, 94%, 98%
CMY	0.1176, 0.0588, 0.0235
CMYK	0.10, 0.04, 0.00, 0.02
HSL	202°, 67%, 93%
HSV	202°, 10%, 98%
XYZ	79.3103, 85.1673, 101.8814
YIQ	236.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

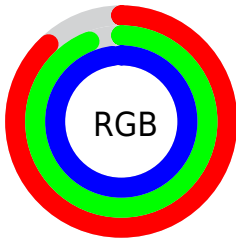
Format	Color
R _Y B	225, 234, 249
Decimal	14807289
CIE Lab	93.96, -3.22, -6.04
CIE LCh	94, 6.845, 241.938
Yxy	85.1673, 0.2978, 0.3197
Android (android.graphics.Color)	4292997369 (0xFFE1F0F9)
YUV	236.5410, 6.1423, -10.1215
Hunter-Lab	92.2861, -8.0986, -0.8543

Details

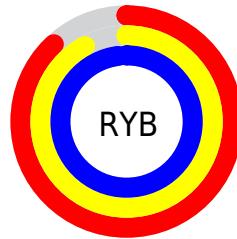
The XYZ color **79.3103, 85.1673, 101.8814** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.0807, 84.4210, 83.2044**, and the grayscale version is **80.1064, 84.2782, 91.7789**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3437, 46.6773, 57.1772** is the 20% darker color. If you saturate the color by 10%, you get **69.4298, 76.1012, 100.6535**, and if you desaturate by 10%, it is **90.4691, 95.1068, 103.2131**.

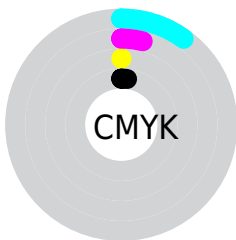
Distribution



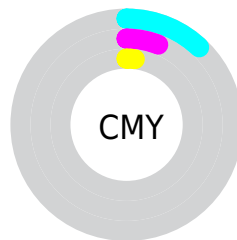
- Red (88%)
- Green (94%)
- Blue (98%)



- Red (88%)
- Yellow (92%)
- Blue (98%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3103, 85.1673, 101.8814 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 79.3103, 85.1673, 101.8814 by changing the saturation by 10% instead.

■ 79.3103, 85.1673,
101.8814

■ 79.3103, 85.1673,
101.8814

481.3775,
512.1815, 587.5060

■ 59.4575, 63.9796,
77.2471

131.3512,
140.6069, 165.8146

■ 43.2293, 46.6342,
56.9429

164.2701,
175.6276, 205.9506

■ 30.2604, 32.7465,
40.5504

202.2749,
216.0281, 252.0909

■ 20.1853, 21.9324,
27.6509

245.7312,
262.1928, 304.6541

■ 12.6389, 13.8072,
17.8259

295.0043,
314.5061, 364.0586

■ 7.2556, 7.9867,
10.6569

350.4594,

■ 3.6702, 4.0864,

373.3524, 430.7231

5.7254

412.4620,
439.1161, 505.0661

■ 1.5173, 1.7220,
2.6127

■ 0.3376, 0.4379,
0.8990

■ 79.3103, 85.1673,
101.8814

■ 79.3103, 85.1673,
101.8814

■ 69.4298, 76.1012,
100.6535

■ 90.4691, 95.1068,
103.2131

■ 60.7694, 67.8684,
99.5209

■ 94.0991, 99.6197,
103.8929

■ 53.2768, 60.4413,
98.4822

■ 46.8934, 53.7861,
97.5341

■ 41.5547, 47.8664,
96.6729

■ 37.1890, 42.6419,
95.8945

■ 33.7149, 38.0668,
95.1946

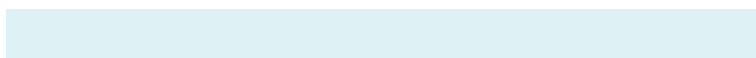
■ 31.0357, 34.0879,
94.5678

■ 28.9991, 30.6227,
94.0063

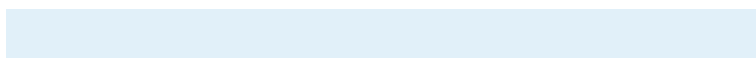
Harmonies

Analogous

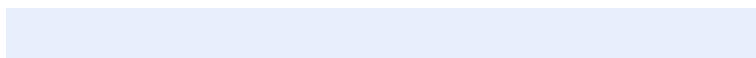
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0091, 85.1673, 98.1482



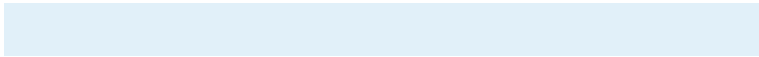
79.3103, 85.1673, 101.8814



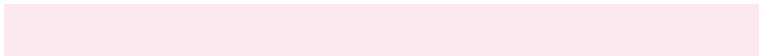
81.0676, 85.1673, 103.1377

Triad

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



79.3103, 85.1673, 101.8814



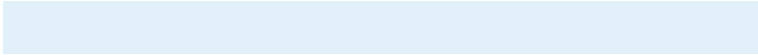
84.5049, 85.1673, 92.3935



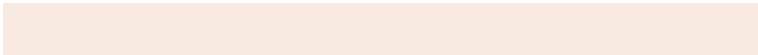
79.1078, 85.1673, 84.4675

Complementary

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



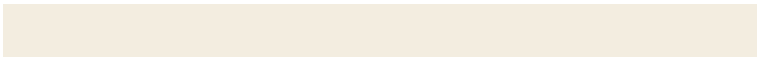
79.3103, 85.1673, 101.8814



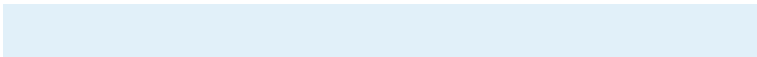
82.0807, 84.4210, 83.2044

Split Complementary

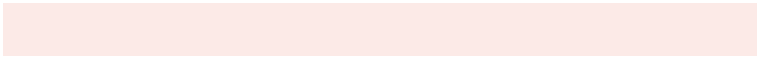
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8304, 85.1673, 83.0522



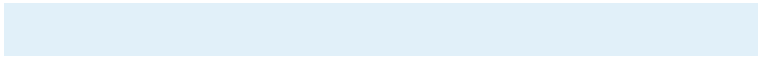
79.3103, 85.1673, 101.8814



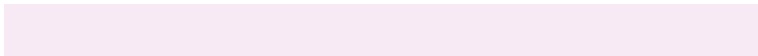
83.9618, 85.1673, 87.5202

Square

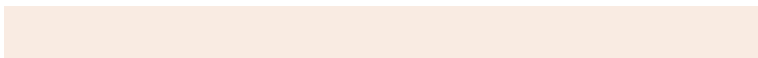
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



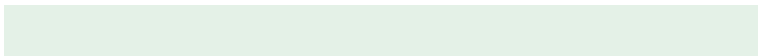
79.3103, 85.1673, 101.8814



84.0834, 85.1673, 97.5385



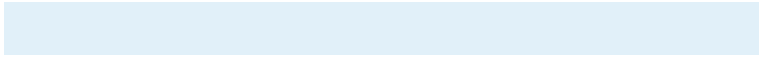
82.6100, 85.1673, 84.1488



77.8934, 85.1673, 88.0875

Rectangle

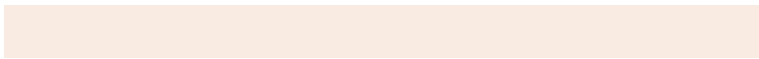
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3103, 85.1673, 101.8814



82.2663, 85.1673, 102.3650



82.6100, 85.1673, 84.1488



79.6458, 85.1673, 83.7244

Sweetspot

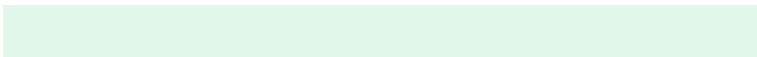
The Sweet Spot groups the original color and five complimentary colors.



79.3128, 85.1709, 101.8833



91.3833, 96.7618, 108.4682



79.7510, 89.6894, 90.8012



19.3546, 20.5288, 23.1923



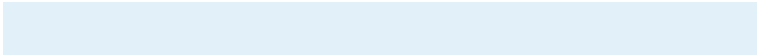
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.3128, 85.1709, 101.8833



81.1239, 87.5499, 107.2309



75.9501, 78.4455, 100.7624



17.1872, 18.4511, 22.0409



15.6272, 16.6099, 50.3560



1.5491, 1.7419, 4.6978

Inverse Universe

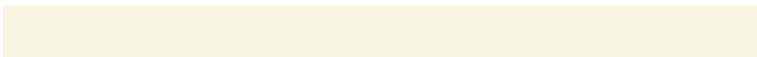
The Inverse Universe completely reimagines the original color for something new.



81.7222, 80.2831, 93.6312



84.2611, 81.2897, 96.4634



85.5539, 91.3674, 84.3621



17.7010, 17.4078, 20.2812



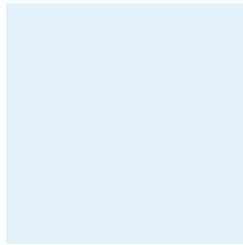
24.1799, 12.0877, 18.1876



2.2909, 1.1401, 1.9550

Previews

White Background



This preview shows how the XYZ color 79.3103, 85.1673, 101.8814 looks on a white background.

Color Contrast Check

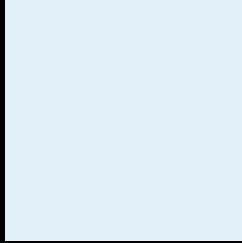
Large Text (above 18pt) WCAG AA × Fail

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 79.3103, 85.1673, 101.8814 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

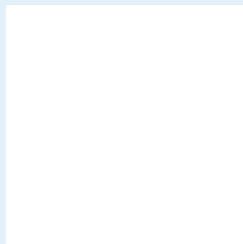
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3103, 85.1673, 101.8814

Background



This preview shows how black text looks on a background with the XYZ color 79.3103, 85.1673, 101.8814.



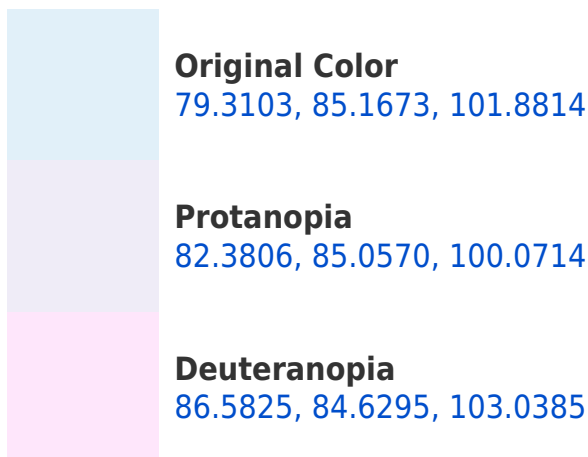
This preview shows how white text looks on a background with the XYZ color 79.3103, 85.1673,

101.8814.

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

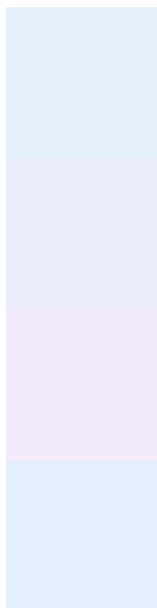




Tritanopia

80.6194, 84.8631, 106.7388

Trichromacy



Original Color

79.3103, 85.1673, 101.8814

Protanomaly

81.1591, 84.8381, 100.9048

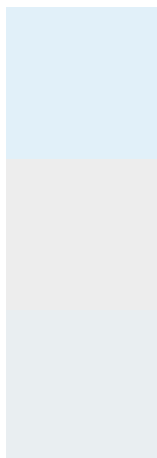
Deuteranomaly

83.6403, 84.8025, 102.4027

Tritanomaly

80.2747, 85.1557, 105.1343

Monochromacy



Original Color

79.3103, 85.1673, 101.8814

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.0560, 84.8236, 95.3723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3103, 85.1673, 101.8814 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(225, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 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(225, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 249) }
```

Border

The CSS property to change the border of an element to XYZ 79.3103, 85.1673, 101.8814 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(225, 240, 249) }
```


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

```
.border{ border-color:rgb(225, 240, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 240, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3103, 85.1673, 101.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 249) }
```

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

```
.background{ background-color: rgb(225,  
240, 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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