

Converting Colors

XYZ(86.1373, 85.4344,
144.2912)

Have a look what the booklet for
XYZ(86.1373, 85.4344, 144.2912)
contains.

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Color

**XYZ(79.1224, 82.8054,
106.4206)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EBFF
RGB	226, 235, 255
RGB Percent	89%, 92%, 100%
CMY	0.1137, 0.0784, 0.0000
CMYK	0.11, 0.08, 0.00, 0.00
HSL	221°, 100%, 94%
HSV	221°, 11%, 100%
XYZ	79.1224, 82.8054, 106.4206
YIQ	234.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

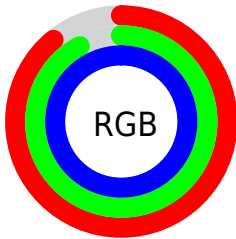
Format	Color
<code>RVB</code>	<code>226, 233, 255</code>
Decimal	<code>14871551</code>
CIELab	<code>92.93, 0.83, -10.67</code>
CIElCh	<code>93, 10.704, 274.450</code>
Yxy	<code>82.8054, 0.2948, 0.3086</code>
Android (<code>android.graphics.Color</code>)	<code>4293061631 (0xFFE2EBFF)</code>
YUV	<code>234.5890, 10.0626, -7.5326</code>
Hunter-Lab	<code>90.9975, -4.0396, -5.6408</code>

Details

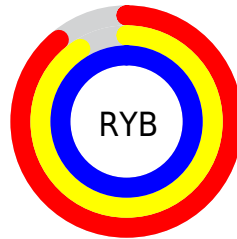
The XYZ color **79.1224, 82.8054, 106.4206** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9227, 92.6610, 85.2046**, and the grayscale version is **78.5876, 82.6802, 90.0388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1077, 44.9753, 59.8352** is the 20% darker color. If you saturate the color by 10%, you get **66.9256, 69.4122, 104.4783**, and if you desaturate by 10%, it is **93.0103, 97.8135, 108.5855**.

Distribution



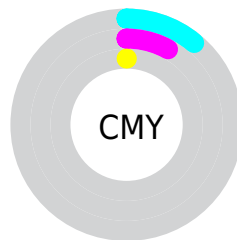
- Red (89%)
- Green (92%)
- Blue (100%)



- Red (89%)
- Yellow (91%)
- Blue (100%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1224, 82.8054, 106.4206 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 79.1224, 82.8054, 106.4206 by changing the saturation by 10% instead.

■ 79.1224, 82.8054,
106.4206

■ 79.1224, 82.8054,
106.4206

480.7520,
504.3377, 602.0090

■ 59.3024, 62.0296,
81.0267

131.0882,
137.3029, 172.0815

■ 43.1039, 45.0566,
60.0325

163.9647,
171.7934, 213.1856

■ 30.1615, 31.5020,
43.0193

201.9241,
211.6242, 260.3635

■ 20.1099, 20.9814,
29.5688

245.3318,
257.1798, 314.0337

■ 12.5837, 13.1104,
19.2622

294.5530,
308.8446, 374.6148

■ 7.2175, 7.5046,
11.6812

349.9533,

■ 3.6460, 3.7797,

367.0029, 442.5254

6.4071

411.8978,
432.0392, 518.1839

■ 1.5039, 1.5511,
3.0214

■ 0.3285, 0.3243,
1.1056

■ 79.1224, 82.8054,
106.4206

■ 79.1224, 82.8054,
106.4206

■ 66.9256, 69.4122,
104.4783

■ 93.0103, 97.8135,
108.5855

■ 56.3467, 57.5682,
102.7497

95.0500, 100.0000,
108.9000

■ 47.3167, 47.2177,
101.2278

■ 39.7587, 38.2976,
99.9044

■ 33.5890, 30.7400,
98.7708

■ 28.7150, 24.4708,
97.8176

■ 25.0313, 19.4078,
97.0345

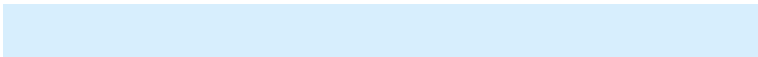
■ 22.4140, 15.4567,
96.4098

■ 20.8582, 12.8364,
95.9861

Harmonies

Analogous

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



76.4051, 82.8054, 104.7970



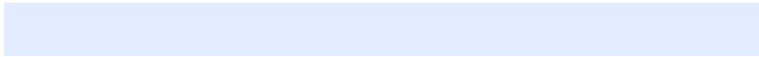
79.1224, 82.8054, 106.4206



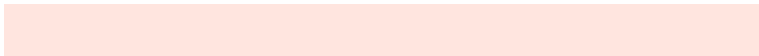
81.7885, 82.8054, 103.4804

Triad

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



79.1224, 82.8054, 106.4206



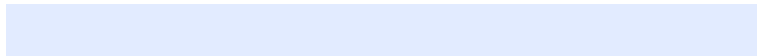
83.2269, 82.8054, 81.7185



73.9468, 82.8054, 83.6740

Complementary

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



79.1224, 82.8054, 106.4206



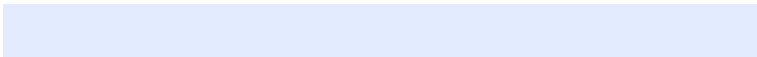
87.9227, 92.6610, 85.2046

Split Complementary

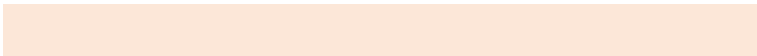
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6982, 82.8054, 78.0366



79.1224, 82.8054, 106.4206



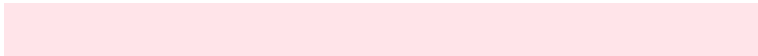
81.0486, 82.8054, 76.9554

Square

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



79.1224, 82.8054, 106.4206



84.1936, 82.8054, 88.9703



78.2872, 82.8054, 75.6481



73.4584, 82.8054, 91.3623

Rectangle

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



79.1224, 82.8054, 106.4206



83.1653, 82.8054, 99.4246



78.2872, 82.8054, 75.6481



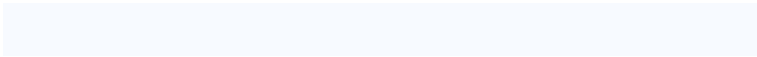
74.4052, 82.8054, 81.4915

Sweetspot

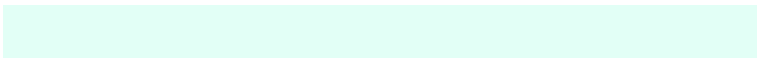
The Sweet Spot groups the original color and five complimentary colors.



79.1246, 82.8088, 106.4211



90.6316, 95.2583, 108.2176



83.7313, 94.3318, 100.8367



19.1518, 20.1234, 23.1247



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.



79.1246, 82.8088, 106.4211



75.7575, 79.1340, 105.8893



78.3050, 78.6560, 105.6628



17.4630, 18.2976, 22.8613



11.0149, 6.9394, 50.1935



1.1648, 0.8603, 4.9179

Inverse Universe

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



83.4332, 81.6525, 89.9643



80.9867, 77.8145, 85.8969



88.7989, 97.2767, 86.0493



18.2416, 18.0800, 19.8894



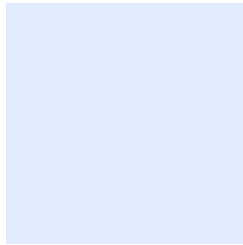
22.3480, 11.4285, 5.2171



2.2226, 1.1314, 0.7534

Previews

White Background



This preview shows how the XYZ color 79.1224, 82.8054, 106.4206 looks on a white background.

Color Contrast Check

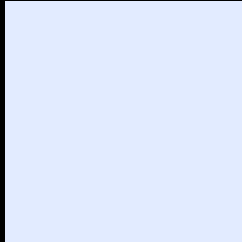
Large Text (above 18pt) WCAG AA × Fail

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 79.1224, 82.8054, 106.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

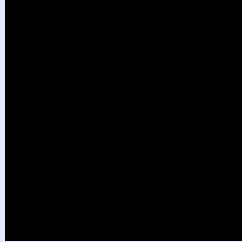
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1224, 82.8054, 106.4206

Background



This preview shows how black text looks on a background with the XYZ color 79.1224, 82.8054, 106.4206.



This preview shows how white text looks on a background with the XYZ color 79.1224, 82.8054,

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

79.1224, 82.8054, 106.4206

Protanopia

80.6326, 82.7572, 105.4899

Deuteranopia

83.7994, 82.2996, 106.0765



Tritanopia

78.9618, 82.7412, 105.5748

Trichromacy



Original Color

79.1224, 82.8054, 106.4206

Protanomaly

79.9453, 82.8244, 105.5391

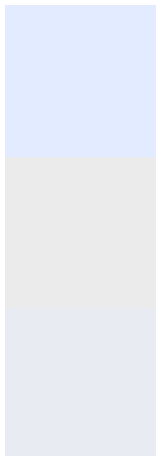
Deuteranomaly

82.2225, 82.7226, 106.2412

Tritanomaly

78.9618, 82.7412, 105.5748

Monochromacy



Original Color

79.1224, 82.8054, 106.4206

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0141, 82.9833, 95.8573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1224, 82.8054, 106.4206 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(226, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 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(226, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.1224, 82.8054, 106.4206 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(226, 235, 255) }
```


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

```
.border{ border-color:rgb(226, 235, 255) }
```

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

Here you see how a box with a 4 pixel rgb(226, 235, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1224, 82.8054, 106.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 255) }
```

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

```
.background{ background-color: rgb(226,  
235, 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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