

Converting Colors

XYZ(80.9659, 86.1524,
106.0060)

Have a look what the booklet for
XYZ(80.9659, 86.1524, 106.0060)
contains.

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Color

**XYZ(81.0232, 86.3972,
106.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F1FE
RGB	227, 241, 254
RGB Percent	89%, 95%, 100%
CMY	0.1098, 0.0549, 0.0039
CMYK	0.11, 0.05, 0.00, 0.00
HSL	209°, 93%, 94%
HSV	209°, 11%, 100%
XYZ	81.0232, 86.3972, 106.1719
YIQ	238.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

Format	Color
R _{YB}	227, 236, 254
Decimal	14938622
CIE _{Lab}	94.48, -2.13, -7.84
CIE _{LCh}	94, 8.123, 254.830
Yxy	86.3972, 0.2961, 0.3158
Android (android.graphics.Color)	4293128702 (0xFFE3F1FE)
YUV	238.2960, 7.7421, -9.9066
Hunter-Lab	92.9501, -7.0669, -2.6587

Details

The XYZ color **81.0232, 86.3972, 106.1719** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8987, 88.9365, 85.3137**, and the grayscale version is **81.4482, 85.6898, 93.3162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4403, 47.4998, 59.6494** is the 20% darker color. If you saturate the color by 10%, you get **70.0973, 75.5733, 104.6599**, and if you desaturate by 10%, it is **93.3789, 98.3235, 107.8240**.

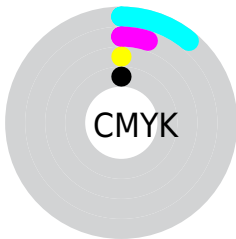
Distribution



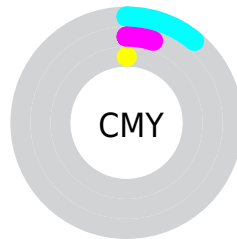
- Red (89%)
- Green (95%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0232, 86.3972, 106.1719 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 81.0232, 86.3972, 106.1719 by changing the saturation by 10% instead.

81.0232, 86.3972,
106.1719

81.0232, 86.3972,
106.1719

487.0586,
516.2400, 601.2191

60.8721, 64.9965,
80.8194

133.7463,
142.3236, 171.7388

44.3741, 47.4582,
59.8627

167.0490,
177.6181, 212.7903

31.1639, 33.3980,
42.8834

205.4663,
218.3127, 259.9118

20.8761, 22.4315,
29.4629

249.3635,
264.7917, 313.5219

13.1454, 14.1743,
19.1827

299.1060,
317.4395, 374.0392

7.6064, 8.2420,
11.6242

355.0591,

3.8938, 4.2502,

376.6406, 441.8821

6.3689

417.5882,
442.7793, 517.4692

■ 1.6423, 1.8145,
2.9983

■ 0.4197, 0.4962,
1.0938

■ 81.0232, 86.3972,
106.1719

■ 81.0232, 86.3972,
106.1719

■ 70.0973, 75.5733,
104.6599

■ 93.3789, 98.3235,
107.8240

■ 60.5374, 65.8048,
103.2782

94.8897, 99.9359,
108.0556

■ 52.2858, 57.0570,
102.0247

■ 45.2773, 49.2891,
100.8947

■ 39.4410, 42.4565,
99.8835

■ 34.6977, 36.5106,
98.9858

■ 30.9574, 31.3966,
98.1958

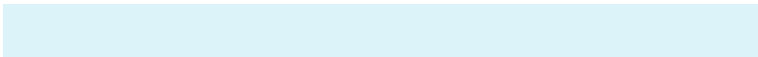
■ 28.1132, 27.0507,
97.5069

■ 26.1053, 23.5872,
96.9442

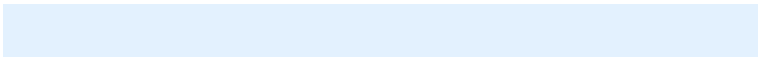
Harmonies

Analogous

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



79.1736, 86.3972, 102.8141



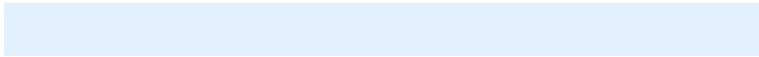
81.0232, 86.3972, 106.1719



83.1982, 86.3972, 106.1919

Triad

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



81.0232, 86.3972, 106.1719



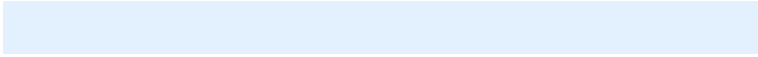
86.2475, 86.3972, 91.0250



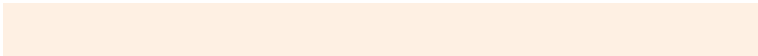
79.1909, 86.3972, 85.7923

Complementary

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



81.0232, 86.3972, 106.1719



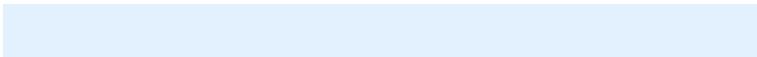
85.8987, 88.9365, 85.3137

Split Complementary

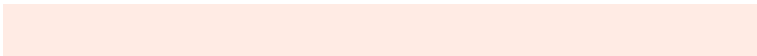
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0471, 86.3972, 82.9110



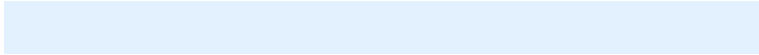
81.0232, 86.3972, 106.1719



85.1344, 86.3972, 85.8398

Square

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



81.0232, 86.3972, 106.1719



86.2409, 86.3972, 97.2564



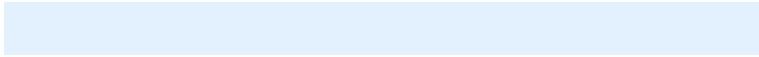
83.2225, 86.3972, 82.9280



78.1286, 86.3972, 90.9576

Rectangle

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



81.0232, 86.3972, 106.1719



84.5415, 86.3972, 104.3005



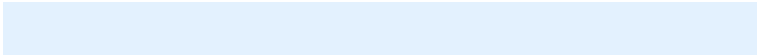
83.2225, 86.3972, 82.9280



79.7412, 86.3972, 84.5349

Sweetspot

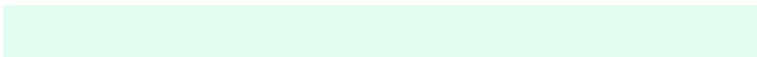
The Sweet Spot groups the original color and five complimentary colors.



81.0257, 86.4008, 106.1738



91.1278, 96.2508, 108.3831



82.7906, 93.4835, 95.8089



19.2856, 20.3909, 23.1693



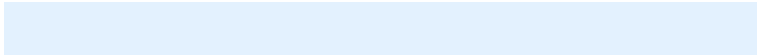
0.0000, 0.0000, 0.0000



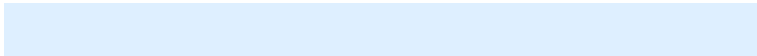
20.3446, 21.4041, 23.3091

Same Dimension

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



81.0257, 86.4008, 106.1738



79.0074, 84.4842, 106.7507



77.2853, 78.9200, 104.9270



17.7824, 18.9364, 22.9678



13.9115, 12.7325, 51.1590



1.4639, 1.4586, 5.0176

Inverse Universe

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



84.2213, 82.3616, 94.6817



82.9078, 79.6574, 92.7005



89.8964, 96.9321, 86.6463



18.4028, 18.1444, 20.7383



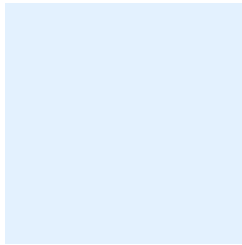
23.8101, 12.0133, 12.9162



2.3735, 1.1918, 1.5485

Previews

White Background



This preview shows how the XYZ color 81.0232, 86.3972, 106.1719 looks on a white background.

Color Contrast Check

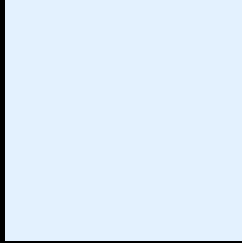
Large Text (above 18pt) WCAG AA × Fail

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 81.0232, 86.3972, 106.1719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

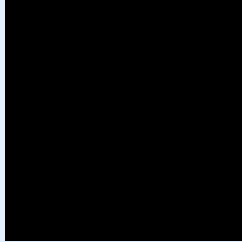
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

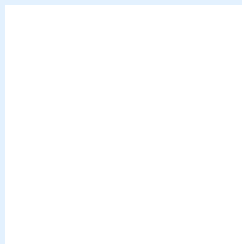
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0232, 86.3972, 106.1719

Background



This preview shows how black text looks on a background with the XYZ color 81.0232, 86.3972, 106.1719.

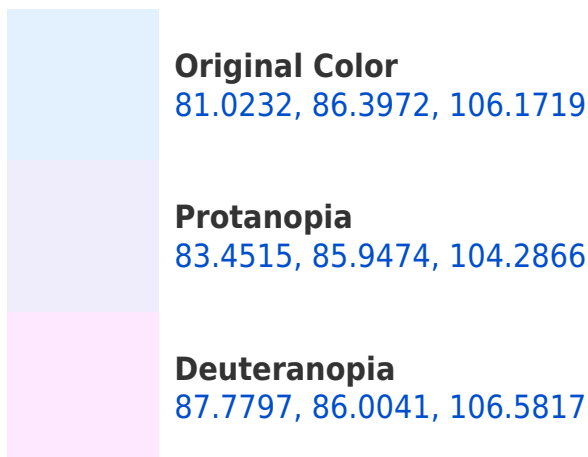


This preview shows how white text looks on a background with the XYZ color 81.0232, 86.3972,

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

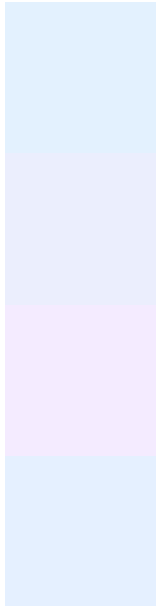




Tritanopia

81.8432, 86.3632, 106.9639

Trichromacy



Original Color

81.0232, 86.3972, 106.1719

Protanomaly

82.5651, 85.9031, 105.1578

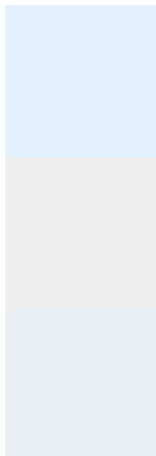
Deuteranomaly

85.0666, 85.8698, 106.6988

Tritanomaly

81.5232, 86.1982, 106.9489

Monochromacy



Original Color

81.0232, 86.3972, 106.1719

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1273, 85.7571, 97.8649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0232, 86.3972, 106.1719 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(227, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 241, 254)  
}
```

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(227, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 241, 254) }
```

Border

The CSS property to change the border of an element to XYZ 81.0232, 86.3972, 106.1719 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(227, 241, 254) }
```


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

```
.border{ border-color:rgb(227, 241, 254) }
```

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

Here you see how a box with a 4 pixel rgb(227, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 241,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0232, 86.3972, 106.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 241, 254) }
```

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

```
.background{ background-color: rgb(227,  
241, 254) }
```

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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