

Converting Colors

XYZ(81.3379, 87.2024,
101.4899)

Have a look what the booklet for
XYZ(81.3379, 87.2024, 101.4899)
contains.

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Color

**XYZ(81.3285, 87.1046,
101.3333)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F2F8
RGB	230, 242, 248
RGB Percent	90%, 95%, 97%
CMY	0.0980, 0.0510, 0.0274
CMYK	0.07, 0.02, 0.00, 0.03
HSL	200°, 56%, 94%
HSV	200°, 7%, 97%
XYZ	81.3285, 87.1046, 101.3333
YIQ	239.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

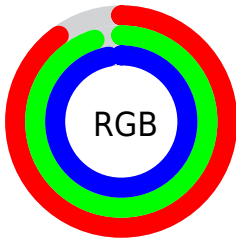
Format	Color
R _Y B	230, 237, 248
Decimal	15135480
CIE Lab	94.78, -2.83, -4.26
CIE LCh	95, 5.114, 236.441
Yxy	87.1046, 0.3015, 0.3229
Android (android.graphics.Color)	4293325560 (0xFFE6F2F8)
YUV	239.0960, 4.3897, -7.9772
Hunter-Lab	93.3298, -7.7807, 0.9565

Details

The XYZ color **81.3285, 87.1046, 101.3333** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.9900, 85.6597, 87.0241**, and the grayscale version is **82.0929, 86.3681, 94.0549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5289, 47.9223, 56.7722** is the 20% darker color. If you saturate the color by 10%, you get **71.5261, 78.4854, 100.1876**, and if you desaturate by 10%, it is **92.3793, 96.5371, 102.5729**.

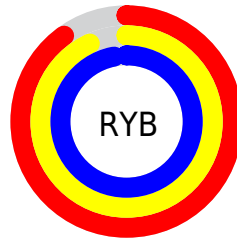
Distribution



Red (90%)

Green (95%)

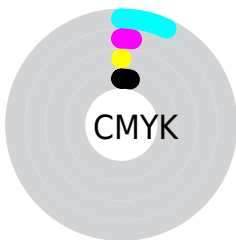
Blue (97%)



Red (90%)

Yellow (93%)

Blue (97%)

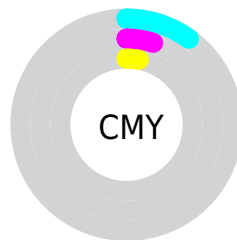


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (10%)

Magenta (5%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3285, 87.1046, 101.3333 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 81.3285, 87.1046, 101.3333 by changing the saturation by 10% instead.

81.3285, 87.1046,
101.3333

81.3285, 87.1046,
101.3333

488.0674,
518.5665, 585.7421

61.1244, 65.5818,
76.7914

134.1727,
143.3099, 165.0561

44.5785, 47.9330,
56.5712

167.5435,
178.7612, 205.0740

31.3254, 33.7738,
40.2540

206.0339,
219.6241, 251.0878

20.9998, 22.7199,
27.4213

250.0092,
266.2830, 303.5158

13.2363, 14.3868,
17.6547

299.8349,
319.1223, 362.7768

7.6696, 8.3902,
10.5355

355.8762,

3.9343, 4.3456,

378.5264, 429.2891

5.6452

418.4986,
444.8797, 503.4714

■ 1.6650, 1.8687,
2.5653

■ 0.4342, 0.5295,
0.8745

■ 81.3285, 87.1046,
101.3333

■ 81.3285, 87.1046,
101.3333

■ 71.5261, 78.4854,
100.1876

■ 92.3793, 96.5371,
102.5729

■ 62.9155, 70.6409,
99.1273

■ 93.9435, 99.5574,
103.0734

■ 55.4468, 63.5457,
98.1514

■ 49.0635, 57.1683,
97.2569

■ 43.7040, 51.4747,
96.4404

■ 39.3000, 46.4274,
95.6983

■ 35.7740, 41.9841,
95.0265

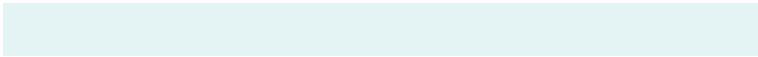
■ 33.0355, 38.0955,
94.4203

■ 30.9674, 34.6989,
93.8736

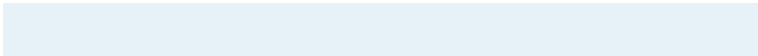
Harmonies

Analogous

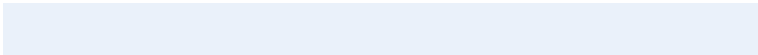
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4312, 87.1046, 98.2750



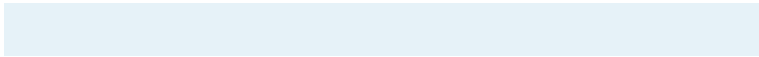
81.3285, 87.1046, 101.3333



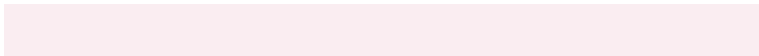
82.6253, 87.1046, 102.6508

Triad

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



81.3285, 87.1046, 101.3333



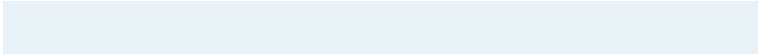
85.4738, 87.1046, 95.3158



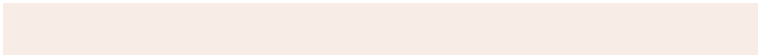
81.6115, 87.1046, 88.1829

Complementary

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



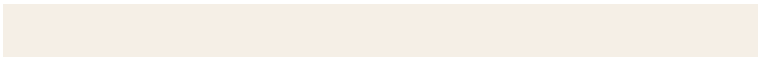
81.3285, 87.1046, 101.3333



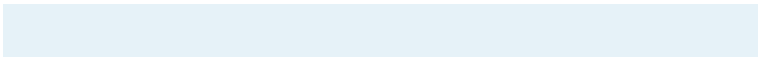
82.9900, 85.6597, 87.0241

Split Complementary

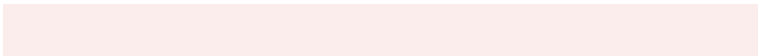
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9556, 87.1046, 87.4398



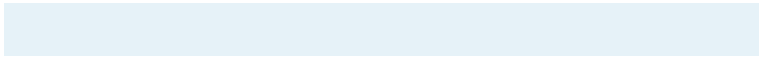
81.3285, 87.1046, 101.3333



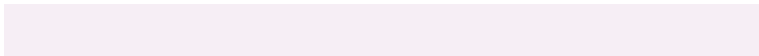
85.1951, 87.1046, 91.4901

Square

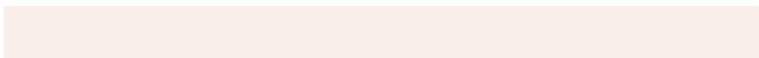
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



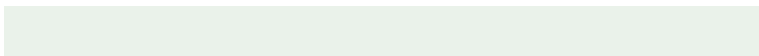
81.3285, 87.1046, 101.3333



85.0269, 87.1046, 99.1161



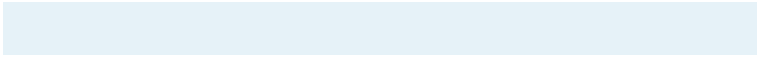
84.2695, 87.1046, 88.6342



80.5933, 87.1046, 90.6927

Rectangle

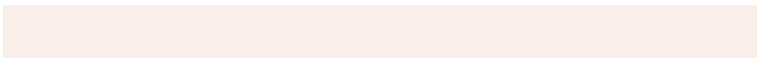
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3285, 87.1046, 101.3333



83.5455, 87.1046, 102.3382



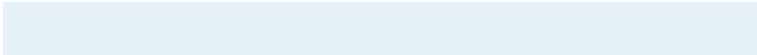
84.2695, 87.1046, 88.6342



82.0397, 87.1046, 87.7213

Sweetspot

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



81.3310, 87.1083, 101.3352



92.6589, 97.9664, 108.6335



81.2986, 89.9979, 92.2163



19.8579, 20.9902, 23.2548



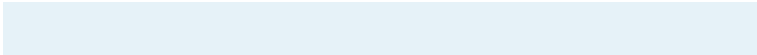
0.0000, 0.0000, 0.0000



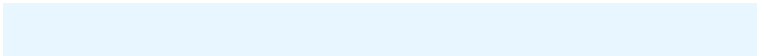
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3310, 87.1083, 101.3352



84.7144, 91.1230, 107.7313



78.8016, 82.0495, 100.4921



17.2502, 18.5773, 22.0619



16.5933, 18.5422, 50.6780



1.6342, 1.9121, 4.7261

Inverse Universe

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



83.0371, 82.9625, 95.6456



86.9540, 85.7387, 100.2494



85.5574, 90.7944, 87.8799



17.7328, 17.4205, 20.4489



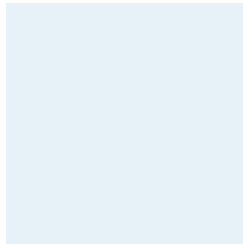
24.6676, 12.2827, 20.7556



2.3338, 1.1573, 2.1811

Previews

White Background



This preview shows how the XYZ color 81.3285, 87.1046, 101.3333 looks on a white background.

Color Contrast Check

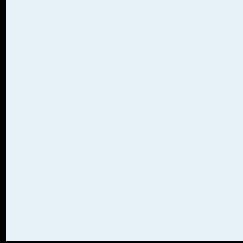
Large Text (above 18pt) WCAG AA × Fail

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 81.3285, 87.1046, 101.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

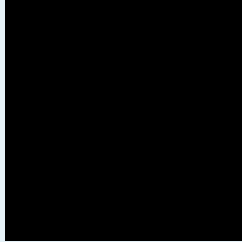
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

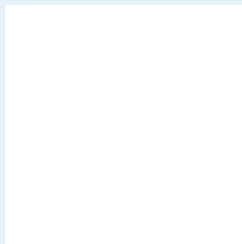
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3285, 87.1046, 101.3333

Background



This preview shows how black text looks on a background with the XYZ color 81.3285, 87.1046, 101.3333.



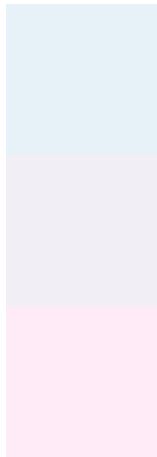
This preview shows how white text looks on a background with the XYZ color 81.3285, 87.1046,

101.3333.

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

81.3285, 87.1046, 101.3333

Protanopia

83.8270, 86.6801, 99.5016

Deuteranopia

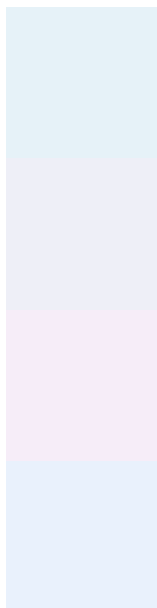
87.6061, 86.8829, 100.9597



Tritanopia

83.1418, 87.0326, 107.0247

Trichromacy



Original Color

81.3285, 87.1046, 101.3333

Protanomaly

82.9149, 86.6255, 100.3460

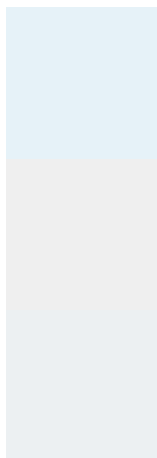
Deuteranomaly

85.2335, 86.9385, 101.0955

Tritanomaly

82.6303, 87.2625, 104.5837

Monochromacy



Original Color

81.3285, 87.1046, 101.3333

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7792, 86.5638, 96.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3285, 87.1046, 101.3333 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(230, 242, 248) looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 248)  
}
```

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(230, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 248) }
```

Border

The CSS property to change the border of an element to XYZ 81.3285, 87.1046, 101.3333 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(230, 242, 248) }
```


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

```
.border{ border-color:rgb(230, 242, 248) }
```

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

Here you see how a box with a 4 pixel rgb(230, 242, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3285, 87.1046, 101.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 248) }
```

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

```
.background{ background-color: rgb(230,  
242, 248) }
```

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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