

Converting Colors

XYZ(80.6246, 87.5965,
103.1865)

Have a look what the booklet for
XYZ(80.6246, 87.5965, 103.1865)
contains.

XYZ(80.6573, 87.6110, 103.1020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(80.6573, 87.6110,
103.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F4FA
RGB	225, 244, 250
RGB Percent	88%, 96%, 98%
CMY	0.1176, 0.0431, 0.0196
CMYK	0.10, 0.02, 0.00, 0.02
HSL	194°, 71%, 93%
HSV	194°, 10%, 98%
XYZ	80.6573, 87.6110, 103.1020
YIQ	239.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

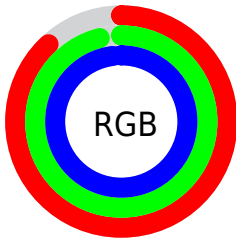
Format	Color
R _Y B	225, 236, 250
Decimal	14808314
CIE Lab	95.00, -5.06, -5.02
CIE LCh	95, 7.129, 224.782
Yxy	87.6110, 0.2972, 0.3228
Android (android.graphics.Color)	4292998394 (0xFFE1F4FA)
YUV	239.0030, 5.4215, -12.2806
Hunter-Lab	93.6007, -9.9849, 0.2121

Details

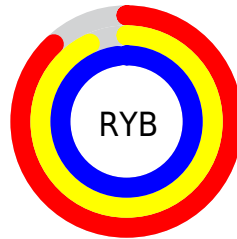
The XYZ color **80.6573, 87.6110, 103.1020** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5913, 82.9116, 82.9388**, and the grayscale version is **82.0150, 86.2862, 93.9657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2984, 48.4075, 58.0477** is the 20% darker color. If you saturate the color by 10%, you get **71.6526, 80.3361, 102.1738**, and if you desaturate by 10%, it is **90.8669, 95.5990, 104.1071**.

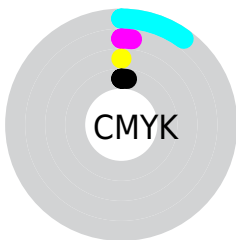
Distribution



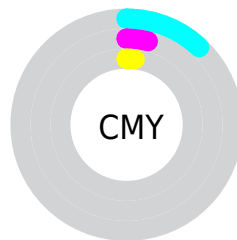
- Red (88%)
- Green (96%)
- Blue (98%)



- Red (88%)
- Yellow (93%)
- Blue (98%)



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



- Cyan (12%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6573, 87.6110, 103.1020 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 80.6573, 87.6110, 103.1020 by changing the saturation by 10% instead.

80.6573, 87.6110,
103.1020

80.6573, 87.6110,
103.1020

485.8481,
520.2285, 591.4243

60.5697, 66.0010,
78.2624

133.2351,
144.0155, 167.5025

44.1292, 48.2732,
57.7718

166.4561,
179.5787, 207.9004

30.9705, 34.0433,
41.2118

204.7856,
220.5617, 254.3216

20.7281, 22.9268,
28.1636

248.5889,
267.3490, 307.1845

13.0367, 14.5395,
18.2089

298.2315,
320.3250, 366.9077

7.5310, 8.4968,
10.9291

354.0787,

3.8456, 4.4145,

379.8739, 433.9097

5.9056

416.4957,
446.3803, 508.6090

■ 1.6152, 1.9080,
2.7199

■ 0.4023, 0.5532,
0.9534

■ 80.6573, 87.6110,
103.1020

■ 80.6573, 87.6110,
103.1020

■ 71.6526, 80.3361,
102.1738

■ 90.8669, 95.5990,
104.1071

■ 63.7952, 73.7366,
101.3141

■ 94.2556, 99.6822,
104.7166

■ 57.0342, 67.7878,
100.5222

■ 51.3115, 62.4589,
99.7952

■ 46.5636, 57.7164,
99.1301

■ 42.7196, 53.5228,
98.5232

■ 39.6986, 49.8355,
97.9707

■ 37.4040, 46.6039,
97.4679

■ 35.6771, 43.7452,
97.0071

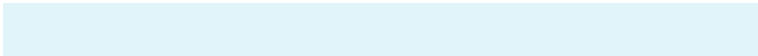
Harmonies

Analogous

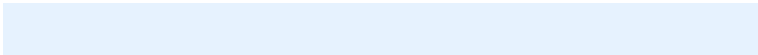
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7240, 87.6110, 98.1395



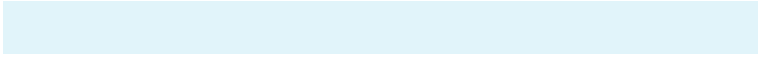
80.6573, 87.6110, 103.1020



82.2983, 87.6110, 106.0548

Triad

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



80.6573, 87.6110, 103.1020



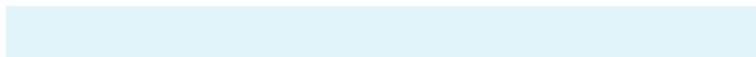
86.9155, 87.6110, 98.2193



82.3254, 87.6110, 85.4523

Complementary

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



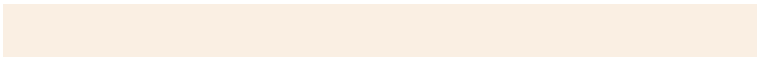
80.6573, 87.6110, 103.1020



81.5913, 82.9116, 82.9388

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.



84.2526, 87.6110, 85.4717



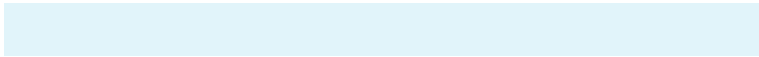
80.6573, 87.6110, 103.1020



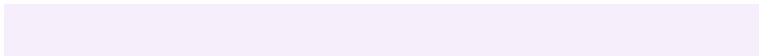
86.9230, 87.6110, 92.6991

Square

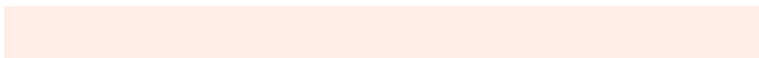
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6573, 87.6110, 103.1020



85.9214, 87.6110, 103.1623



85.9418, 87.6110, 88.0791



80.6769, 87.6110, 88.0248

Rectangle

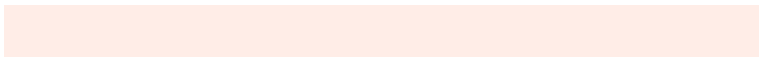
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



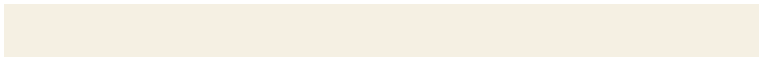
80.6573, 87.6110, 103.1020



83.5824, 87.6110, 106.4166



85.9418, 87.6110, 88.0791



82.9617, 87.6110, 85.1592

Sweetspot

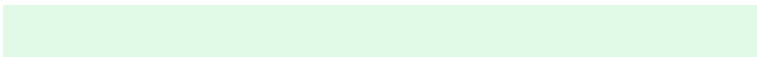
The Sweet Spot groups the original color and five complimentary colors.



80.6598, 87.6147, 103.1039



91.7087, 97.4127, 108.5767



79.6386, 90.1403, 88.6808



19.4425, 20.7048, 23.2216



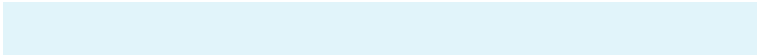
0.0000, 0.0000, 0.0000



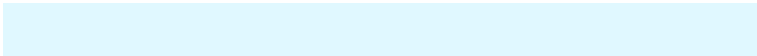
20.3446, 21.4041, 23.3091

Same Dimension

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



80.6598, 87.6147, 103.1039



82.3777, 90.0574, 107.6488



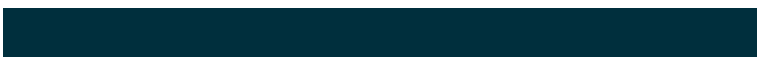
77.0710, 80.4369, 101.9077



17.3924, 18.8616, 22.1093



19.0412, 23.4381, 51.4940



1.8452, 2.3340, 4.7964

Inverse Universe

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



82.6806, 80.7078, 96.8126



84.8939, 81.5428, 99.7959



85.1668, 90.0626, 84.1307



17.8046, 17.4492, 20.8267



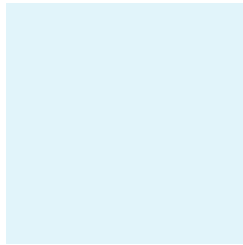
25.9032, 12.7770, 27.2622



2.4403, 1.1998, 2.7419

Previews

White Background



This preview shows how the XYZ color 80.6573, 87.6110, 103.1020 looks on a white background.

Color Contrast Check

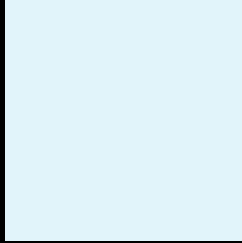
Large Text (above 18pt) WCAG AA × Fail

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 80.6573, 87.6110, 103.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

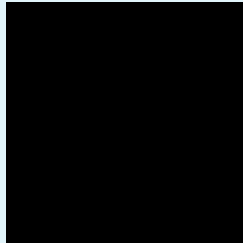
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

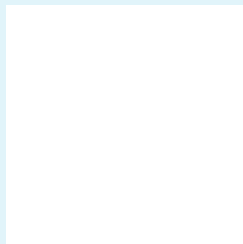
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6573, 87.6110, 103.1020

Background



This preview shows how black text looks on a background with the XYZ color 80.6573, 87.6110, 103.1020.

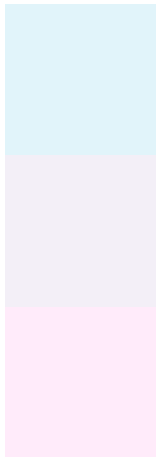


This preview shows how white text looks on a background with the XYZ color 80.6573, 87.6110,

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

80.6573, 87.6110, 103.1020

Protanopia

84.6172, 87.5031, 100.4257

Deuteranopia

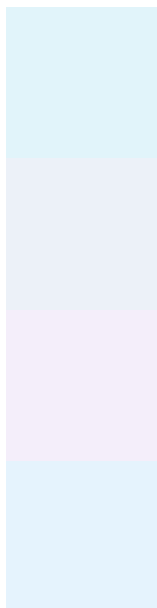
88.2036, 87.5788, 102.6980



Tritanopia

82.7571, 87.7132, 107.1763

Trichromacy



Original Color

80.6573, 87.6110, 103.1020

Protanomaly

82.9906, 87.5208, 101.3261

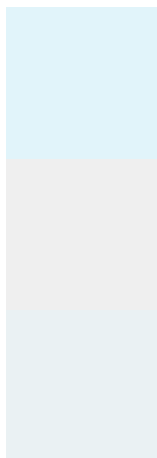
Deuteranomaly

85.1381, 87.2843, 102.8028

Tritanomaly

82.0933, 87.8510, 105.5587

Monochromacy



Original Color

80.6573, 87.6110, 103.1020

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.5646, 86.8741, 97.2635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6573, 87.6110, 103.1020 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, 244, 250)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 250)  
}
```

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, 244, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 250) }
```

Border

The CSS property to change the border of an element to XYZ 80.6573, 87.6110, 103.1020 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, 244, 250) }
```


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

```
.border{ border-color:rgb(225, 244, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 244, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 250);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6573, 87.6110, 103.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 250) }
```

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

```
.background{ background-color: rgb(225,  
244, 250) }
```

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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