

Converting Colors

XYZ(80.0503, 85.3205,
106.8571)

Have a look what the booklet for
XYZ(80.0503, 85.3205, 106.8571)
contains.

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Color

**XYZ(80.2614, 85.5477,
106.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F0FF
RGB	225, 240, 255
RGB Percent	88%, 94%, 100%
CMY	0.1176, 0.0588, 0.0000
CMYK	0.12, 0.06, 0.00, 0.00
HSL	210°, 100%, 94%
HSV	210°, 12%, 100%
XYZ	80.2614, 85.5477, 106.8899
YIQ	237.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

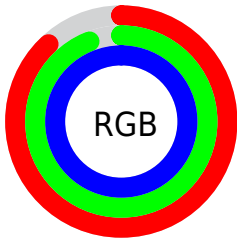
Format	Color
R _Y B	225, 235, 255
Decimal	14807295
CIE Lab	94.12, -2.05, -8.91
CIE LCh	94, 9.145, 257.045
Yxy	85.5477, 0.2943, 0.3137
Android (android.graphics.Color)	4292997375 (0xFFE1F0FF)
YUV	237.2250, 8.7631, -10.7213
Hunter-Lab	92.4920, -6.9648, -3.7751

Details

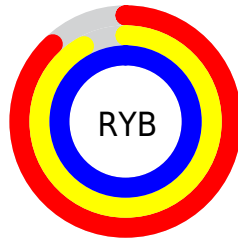
The XYZ color **80.2614, 85.5477, 106.8899** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9901, 89.0147, 83.8851**, and the grayscale version is **80.6137, 84.8119, 92.3601**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9111, 46.9042, 60.1651** is the 20% darker color. If you saturate the color by 10%, you get **69.2766, 74.5108, 105.3385**, and if you desaturate by 10%, it is **92.7015, 97.7308, 108.5858**.

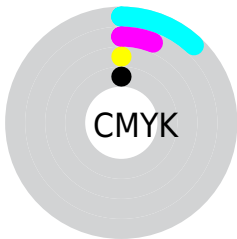
Distribution



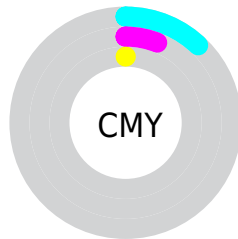
- Red (88%)
- Green (94%)
- Blue (100%)



- Red (88%)
- Yellow (92%)
- Blue (100%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2614, 85.5477, 106.8899 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 80.2614, 85.5477, 106.8899 by changing the saturation by 10% instead.

80.2614, 85.5477,
106.8899

80.2614, 85.5477,
106.8899

484.5365,
513.4386, 603.4980

60.2427, 64.2940,
81.4181

132.6818,
141.1381, 172.7279

43.8645, 46.8889,
60.3530

165.8142,
176.2437, 213.9311

30.7614, 32.9478,
43.2760

204.0485,
216.7353, 261.2152

20.5682, 22.0865,
29.7688

247.7501,
262.9975, 314.9988

12.9194, 13.9204,
19.4126

297.2843,
315.4145, 375.7003

7.4497, 8.0654,
11.7889

353.0166,

3.7937, 4.1368,

374.3707, 443.7383

6.4793

415.3122,
440.2507, 519.5313

■ 1.5861, 1.7504,
3.0652

■ 0.3833, 0.4560,
1.1280

■ 80.2614, 85.5477,
106.8899

■ 80.2614, 85.5477,
106.8899

■ 69.2766, 74.5108,
105.3385

■ 92.7015, 97.7308,
108.5858

■ 59.6825, 64.5718,
103.9257

95.0500, 100.0000,
108.9000

■ 51.4194, 55.6941,
102.6477

■ 44.4205, 47.8347,
101.4995

■ 38.6124, 40.9469,
100.4762

■ 33.9135, 34.9796,
99.5720

■ 30.2307, 29.8751,
98.7809

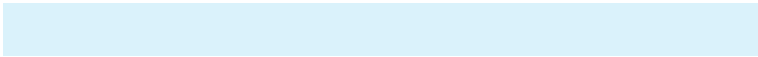
■ 27.4526, 25.5660,
98.0956

■ 25.7087, 22.5374,
97.6029

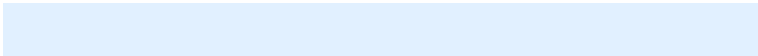
Harmonies

Analogous

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



78.1497, 85.5477, 103.3496



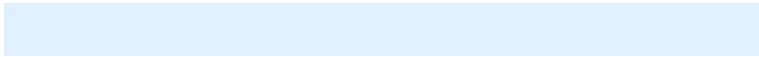
80.2614, 85.5477, 106.8899



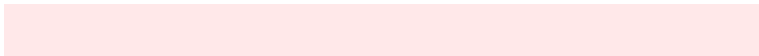
82.6960, 85.5477, 106.6176

Triad

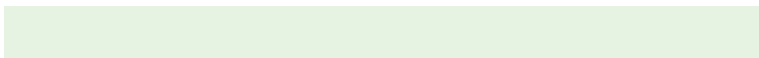
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2614, 85.5477, 106.8899



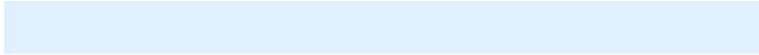
85.8873, 85.5477, 89.2569



77.9190, 85.5477, 84.2725

Complementary

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



80.2614, 85.5477, 106.8899



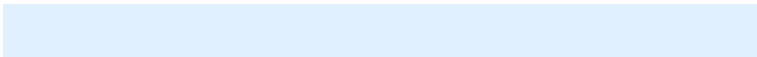
85.9901, 89.0147, 83.8851

Split Complementary

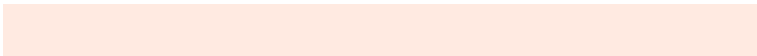
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9406, 85.5477, 80.8615



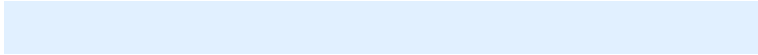
80.2614, 85.5477, 106.8899



84.5554, 85.5477, 83.6388

Square

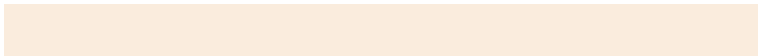
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.2614, 85.5477, 106.8899



85.9773, 85.5477, 96.1972



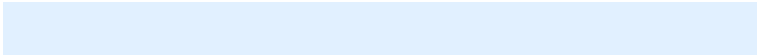
82.3687, 85.5477, 80.6354



76.8157, 85.5477, 90.1617

Rectangle

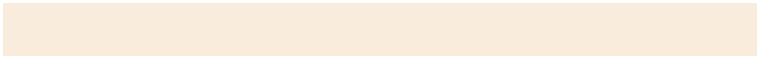
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



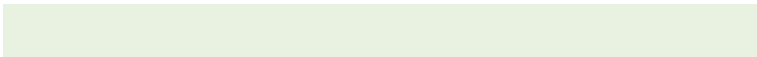
80.2614, 85.5477, 106.8899



84.1749, 85.5477, 104.3087



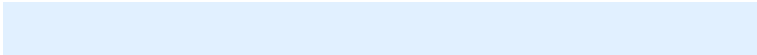
82.3687, 85.5477, 80.6354



78.5118, 85.5477, 82.8112

Sweetspot

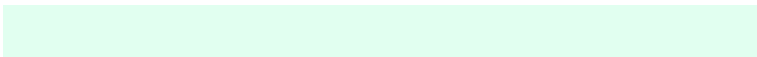
The Sweet Spot groups the original color and five complimentary colors.



80.2636, 85.5512, 106.8904



89.7914, 94.9065, 108.1940



82.4662, 93.7896, 95.8068



19.0131, 20.1133, 23.1301



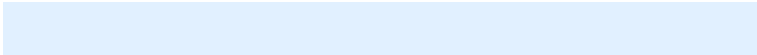
0.0000, 0.0000, 0.0000



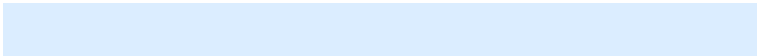
20.3446, 21.4041, 23.3091

Same Dimension

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



80.2636, 85.5512, 106.8904



77.6828, 82.9848, 106.5311



76.1632, 77.3502, 105.5236



17.7536, 18.8789, 22.9582



13.5827, 12.0749, 51.0494



1.4317, 1.3941, 5.0069

Inverse Universe

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



83.8948, 81.4032, 93.7328



81.9586, 78.2032, 91.0146



90.4316, 97.8978, 85.3656



18.3883, 18.1386, 20.6619



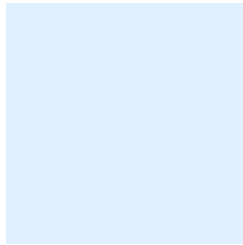
23.6441, 11.9469, 12.0422



2.3573, 1.1853, 1.4628

Previews

White Background



This preview shows how the XYZ color 80.2614, 85.5477, 106.8899 looks on a white background.

Color Contrast Check

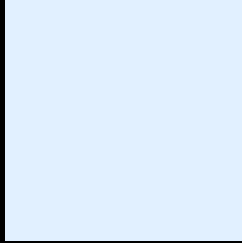
Large Text (above 18pt) WCAG AA × Fail

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 80.2614, 85.5477, 106.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

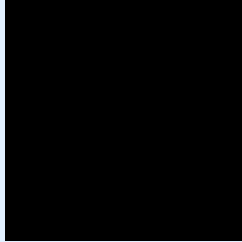
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

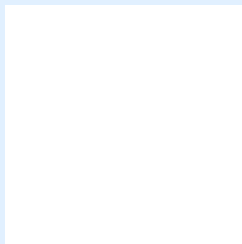
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2614, 85.5477, 106.8899

Background



This preview shows how black text looks on a background with the XYZ color 80.2614, 85.5477, 106.8899.



This preview shows how white text looks on a background with the XYZ color 80.2614, 85.5477,

106.8899.

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

80.2614, 85.5477, 106.8899

Protanopia

82.9850, 85.2599, 105.0115

Deuteranopia

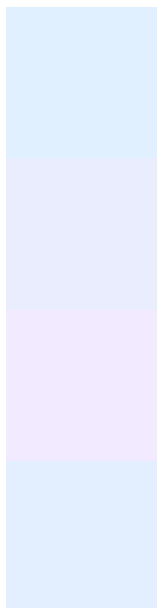
86.6903, 85.4425, 106.5307



Tritanopia

80.9114, 85.4470, 106.8362

Trichromacy



Original Color

80.2614, 85.5477, 106.8899

Protanomaly

81.7779, 85.0478, 105.8716

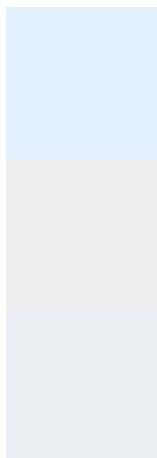
Deuteranomaly

84.3763, 85.5139, 106.6665

Tritanomaly

80.5951, 85.2839, 106.8214

Monochromacy



Original Color

80.2614, 85.5477, 106.8899

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.5079, 85.0044, 97.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2614, 85.5477, 106.8899 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 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(225, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.2614, 85.5477, 106.8899 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, 255) }
```


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

```
.border{ border-color:rgb(225, 240, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2614, 85.5477, 106.8899 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, 255) }
```

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

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