

Converting Colors

XYZ(76.8702, 82.4723,
123.3492)

Have a look what the booklet for
XYZ(76.8702, 82.4723, 123.3492)
contains.

XYZ(73.8014, 81.3482, 106.4198)	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(73.8014, 81.3482,
106.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEEFF
RGB	205, 238, 255
RGB Percent	80%, 93%, 100%
CMY	0.1961, 0.0666, 0.0000
CMYK	0.20, 0.07, 0.00, 0.00
HSL	200°, 100%, 90%
HSV	200°, 20%, 100%
XYZ	73.8014, 81.3482, 106.4198
YIQ	230.0710, -25.1250, -1.7090

Conversions

Conversions Part 2

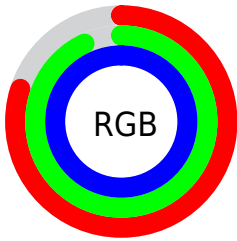
Format	Color
R _{YB}	205, 225, 255
Decimal	13496063
CIE Lab	92.29, -7.19, -11.78
CIE LCh	92, 13.800, 238.607
Yxy	81.3482, 0.2821, 0.3110
Android (android.graphics.Color)	4291686143 (0xFFCDEEFF)
YUV	230.0710, 12.2900, -21.9873
Hunter-Lab	90.1932, -11.7790, -6.8215

Details

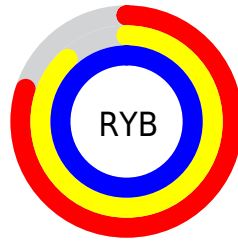
The XYZ color **73.8014, 81.3482, 106.4198** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3805, 77.9094, 68.6663**, and the grayscale version is **75.1934, 79.1093, 86.1501**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4987, 44.0171, 59.8404** is the 20% darker color. If you saturate the color by 10%, you get **64.8694, 73.0889, 105.2963**, and if you desaturate by 10%, it is **84.0056, 90.4479, 107.6384**.

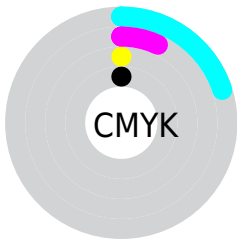
Distribution



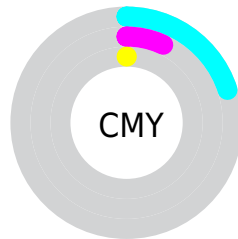
- Red (80%)
- Green (93%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8014, 81.3482, 106.4198 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 73.8014, 81.3482, 106.4198 by changing the saturation by 10% instead.

73.8014, 81.3482,
106.4198

73.8014, 81.3482,
106.4198

462.8486,
499.4648, 602.0065

54.9222, 60.8284,
81.0260

123.6113,
135.2596, 172.0804

39.5730, 44.0867,
60.0319

155.2726,
169.4200, 213.1843

27.3885, 30.7387,
43.0189

191.9254,
208.8960, 260.3620

18.0033, 20.3999,
29.5684

233.9350,
254.0721, 314.0321

11.0521, 12.6861,
19.2620

281.6668,
305.3326, 374.6130

6.1694, 7.2128,
11.6810

335.4861,

2.9900, 3.5955,

363.0620, 442.5233

6.4070

395.7582,
427.6446, 518.1816

■ 1.1485, 1.4500,
3.0213

■ 0.0651, 0.2531,
1.1055

■ 73.8014, 81.3482,
106.4198

■ 73.8014, 81.3482,
106.4198

■ 64.8694, 73.0889,
105.2963

■ 84.0056, 90.4479,
107.6384

■ 57.1461, 65.6285,
104.2634

95.0500, 100.0000,
108.9000

■ 50.5716, 58.9356,
103.3181

■ 45.0784, 52.9729,
102.4567

■ 40.5914, 47.6989,
101.6752

■ 37.0245, 43.0666,
100.9690

■ 34.2761, 39.0206,
100.3329

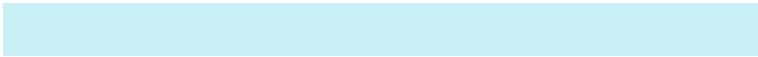
■ 32.1875, 35.4763,
99.7589

■ 32.1117, 35.3435,
99.7372

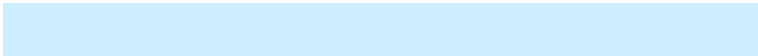
Harmonies

Analogous

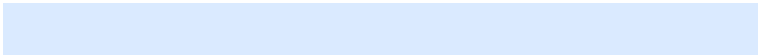
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4532, 81.3482, 98.3149



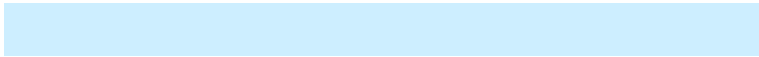
73.8014, 81.3482, 106.4198



77.1524, 81.3482, 109.6957

Triad

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



73.8014, 81.3482, 106.4198



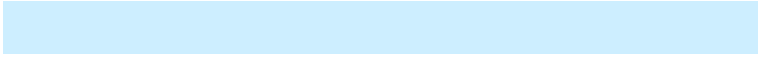
84.3795, 81.3482, 89.0528



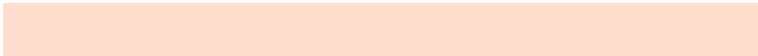
74.0818, 81.3482, 72.4261

Complementary

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



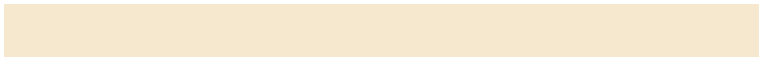
73.8014, 81.3482, 106.4198



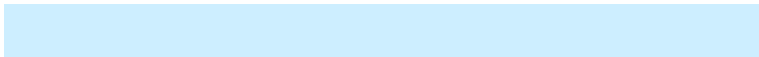
78.3805, 77.9094, 68.6663

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.



77.4859, 81.3482, 70.3547



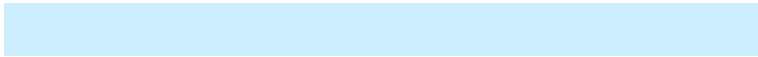
73.8014, 81.3482, 106.4198



83.4974, 81.3482, 79.4994

Square

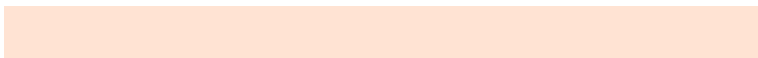
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



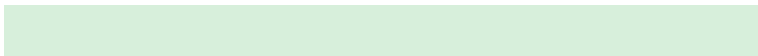
73.8014, 81.3482, 106.4198



83.3220, 81.3482, 99.2043



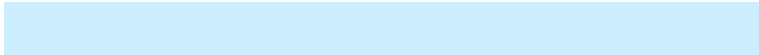
80.9467, 81.3482, 72.8445



71.6115, 81.3482, 78.7323

Rectangle

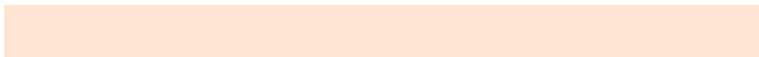
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8014, 81.3482, 106.4198



79.5279, 81.3482, 108.5227



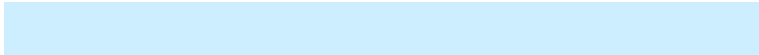
80.9467, 81.3482, 72.8445



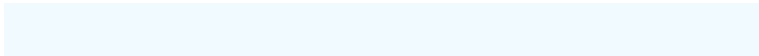
75.1514, 81.3482, 71.2339

Sweetspot

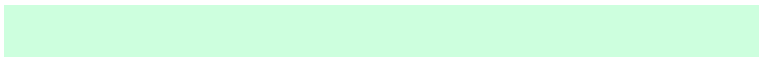
The Sweet Spot groups the original color and five complimentary colors.



73.8036, 81.3514, 106.4203



88.0066, 93.9393, 108.1014



74.0780, 89.7557, 82.2948



18.6792, 19.9697, 23.1200



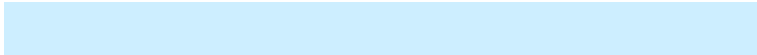
0.0000, 0.0000, 0.0000



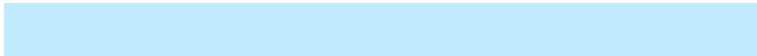
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8036, 81.3514, 106.4203



69.7257, 77.6206, 105.9151



67.1064, 67.9571, 104.1879



18.0044, 19.3804, 23.0418



16.9231, 18.7557, 52.1629



1.7491, 2.0289, 5.1127

Inverse Universe

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



78.5053, 71.0973, 90.4781



75.3669, 65.7064, 86.7005



85.4188, 91.9860, 71.0124



18.5149, 18.1893, 21.3285



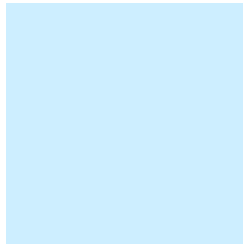
25.3302, 12.6214, 20.9210



2.5175, 1.2494, 2.3065

Previews

White Background



This preview shows how the XYZ color 73.8014, 81.3482, 106.4198 looks on a white background.

Color Contrast Check

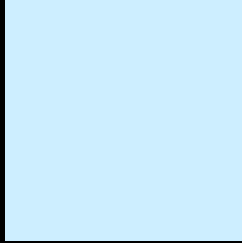
Large Text (above 18pt) WCAG AA × Fail

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 73.8014, 81.3482, 106.4198 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

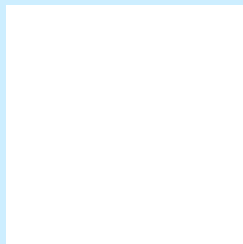
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8014, 81.3482, 106.4198

Background



This preview shows how black text looks on a background with the XYZ color 73.8014, 81.3482, 106.4198.



This preview shows how white text looks on a background with the XYZ color 73.8014, 81.3482,

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

73.8014, 81.3482, 106.4198

Protanopia

78.9435, 81.1058, 102.7610

Deuteranopia

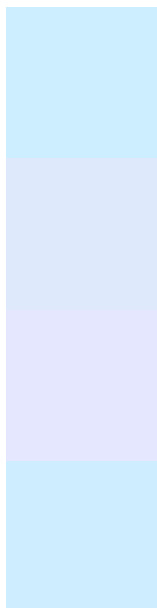
82.1370, 81.0354, 105.9201



Tritanopia

74.0663, 81.0538, 106.3490

Trichromacy



Original Color

73.8014, 81.3482, 106.4198

Protanomaly

77.1177, 81.4035, 103.7434

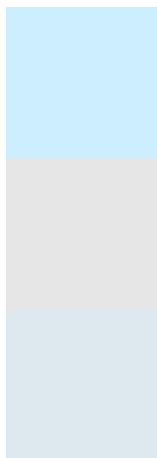
Deuteranomaly

78.9390, 81.0298, 106.0875

Tritanomaly

73.7878, 80.9102, 106.3359

Monochromacy



Original Color

73.8014, 81.3482, 106.4198

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5377, 79.8820, 93.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8014, 81.3482, 106.4198 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(205, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 238, 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(205, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.8014, 81.3482, 106.4198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

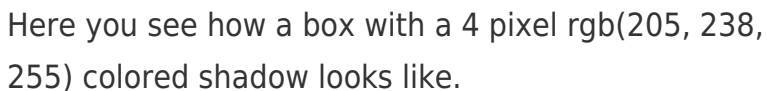
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 238, 255) }
```


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

```
.border{ border-color:rgb(205, 238, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8014, 81.3482, 106.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 238, 255) }
```

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

```
.background{ background-color: rgb(205,  
238, 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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