

Converting Colors

XYZ(84.0143, 86.4163,
167.2525)

Have a look what the booklet for
XYZ(84.0143, 86.4163, 167.2525)
contains.

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Color

**XYZ(72.5313, 82.0009,
106.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F1FF
RGB	197, 241, 255
RGB Percent	77%, 95%, 100%
CMY	0.2274, 0.0549, 0.0000
CMYK	0.23, 0.05, 0.00, 0.00
HSL	194°, 100%, 89%
HSV	194°, 23%, 100%
XYZ	72.5313, 82.0009, 106.6127
YIQ	229.4400, -30.7180, -4.9740

Conversions

Conversions Part 2

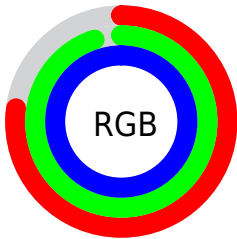
Format	Color
RYB	197, 222, 255
Decimal	12972543
CIELab	92.58, -11.09, -11.40
CIELCh	93, 15.902, 225.806
Yxy	82.0009, 0.2777, 0.3140
Android (android.graphics.Color)	4291162623 (0xFFC5F1FF)
YUV	229.4400, 12.6011, -28.4499
Hunter-Lab	90.5543, -15.4970, -6.4161

Details

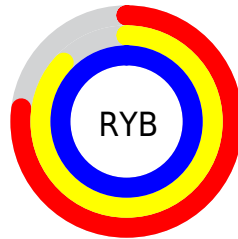
The XYZ color **72.5313, 82.0009, 106.6127** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6123, 71.8791, 62.7668**, and the grayscale version is **74.7283, 78.6200, 85.6172**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.6973, 44.5259, 59.9809** is the 20% darker color. If you saturate the color by 10%, you get **64.6202, 75.2661, 105.7297**, and if you desaturate by 10%, it is **81.6377, 89.4475, 107.5701**.

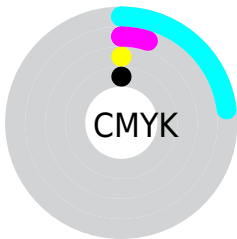
Distribution



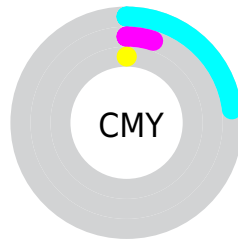
- Red (77%)
- Green (95%)
- Blue (100%)



- Red (77%)
- Yellow (87%)
- Blue (100%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5313, 82.0009, 106.6127 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 72.5313, 82.0009, 106.6127 by changing the saturation by 10% instead.

72.5313, 82.0009,
106.6127

72.5313, 82.0009,
106.6127

458.5177,
501.6507, 602.6187

53.8798, 61.3663,
81.1869

121.8183,
136.1753, 172.3461

38.7359, 44.5208,
60.1636

153.1846,
170.4838, 213.4908

26.7341, 31.0802,
43.1244

189.5198,
210.1191, 260.7122

17.5092, 20.6599,
29.6506

231.1893,
255.4655, 314.4288

10.6957, 12.8756,
19.3237

278.5585,
306.9075, 375.0593

5.9284, 7.3430,
11.7253

331.9928,

2.8418, 3.6775,

364.8294, 443.0220

6.4366

391.8574,
429.6157, 518.7357

■ 1.0707, 1.4948,
3.0393

■ 0.0004, 0.2851,
1.1147

■ 72.5313, 82.0009,
106.6127

■ 72.5313, 82.0009,
106.6127

■ 64.6202, 75.2661,
105.7297

■ 81.6377, 89.4475,
107.5701

■ 57.8404, 69.2028,
104.9167

■ 91.9863, 97.6245,
108.6030

■ 52.1318, 63.7814,
104.1711

95.0500, 100.0000,
108.9000

■ 47.4258, 58.9654,
103.4896

■ 43.6454, 54.7143,
102.8683

■ 40.7017, 50.9813,
102.3029

■ 38.4872, 47.7100,
101.7882

■ 37.2231, 45.5661,
101.4410

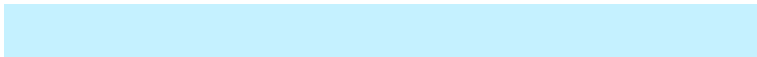
Harmonies

Analogous

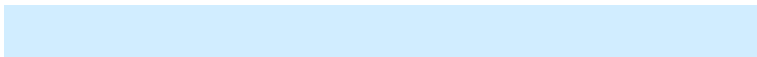
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5422, 82.0009, 95.6272



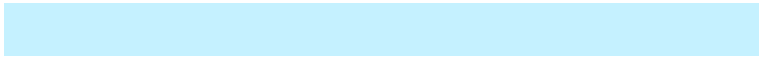
72.5313, 82.0009, 106.6127



76.0075, 82.0009, 113.2103

Triad

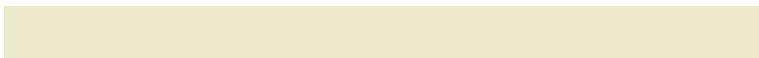
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5313, 82.0009, 106.6127



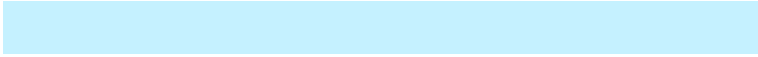
85.8982, 82.0009, 94.9812



75.7953, 82.0009, 69.1327

Complementary

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



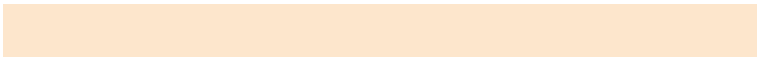
72.5313, 82.0009, 106.6127



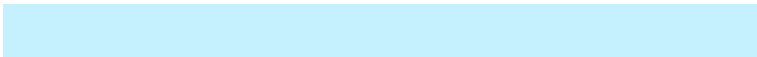
74.6123, 71.8791, 62.7668

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.



79.9038, 82.0009, 68.9930



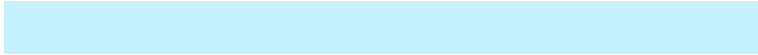
72.5313, 82.0009, 106.6127



85.8365, 82.0009, 83.2297

Square

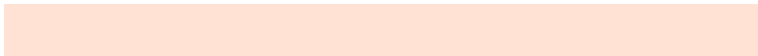
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5313, 82.0009, 106.6127



83.7756, 82.0009, 106.1039



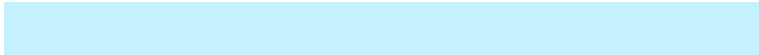
83.6098, 82.0009, 73.9446



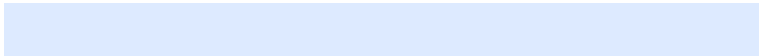
72.3807, 82.0009, 74.3446

Rectangle

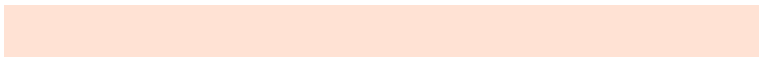
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5313, 82.0009, 106.6127



78.7459, 82.0009, 113.8886



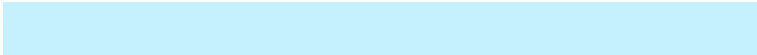
83.6098, 82.0009, 73.9446



77.1384, 82.0009, 68.5075

Sweetspot

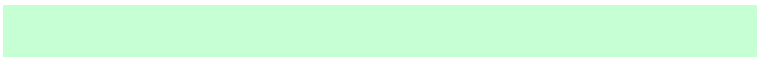
The Sweet Spot groups the original color and five complimentary colors.



72.5335, 82.0041, 106.6132



87.4264, 94.0528, 108.1539



70.4865, 88.0706, 74.6076



18.5784, 20.0251, 23.1360



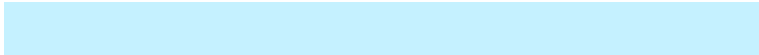
0.0000, 0.0000, 0.0000



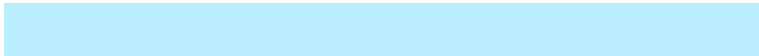
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5335, 82.0041, 106.6132



69.0231, 79.0518, 106.2284



64.7377, 66.4125, 104.0146



18.1617, 19.6949, 23.0942



19.5721, 24.0537, 53.0459



1.9903, 2.5113, 5.1931

Inverse Universe

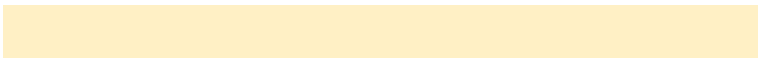
The Inverse Universe completely reimagines the original color for something new.



77.0849, 67.5451, 92.1975



74.3199, 62.6368, 89.3594



82.3415, 87.3376, 65.3432



18.5942, 18.2210, 21.7464



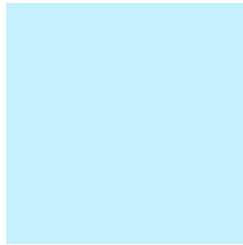
26.6673, 13.1562, 27.9621



2.6392, 1.2981, 2.9476

Previews

White Background



This preview shows how the XYZ color 72.5313, 82.0009, 106.6127 looks on a white background.

Color Contrast Check

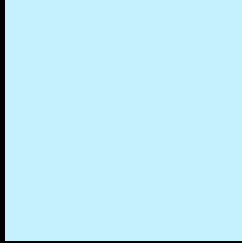
Large Text (above 18pt) WCAG AA × Fail

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 72.5313, 82.0009, 106.6127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

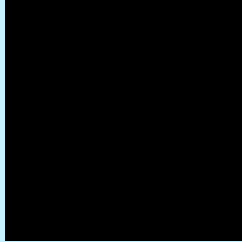
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5313, 82.0009, 106.6127

Background



This preview shows how black text looks on a background with the XYZ color 72.5313, 82.0009, 106.6127.



This preview shows how white text looks on a background with the XYZ color 72.5313, 82.0009,

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

72.5313, 82.0009, 106.6127

Protanopia

79.5598, 81.8764, 101.2330

Deuteranopia

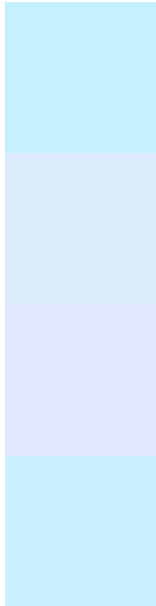
82.7556, 81.7615, 106.0276



Tritanopia

74.0933, 81.9321, 106.5171

Trichromacy



Original Color

72.5313, 82.0009, 106.6127

Protanomaly

76.6361, 81.5973, 102.9775

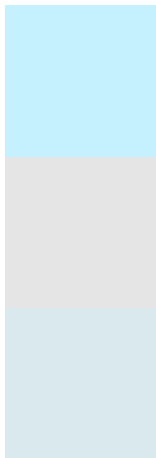
Deuteranomaly

78.5529, 81.6666, 106.2308

Tritanomaly

73.5672, 82.0967, 106.5766

Monochromacy



Original Color

72.5313, 82.0009, 106.6127

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.1868, 79.2026, 92.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5313, 82.0009, 106.6127 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(197, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 241, 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(197, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.5313, 82.0009, 106.6127 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(197, 241, 255) }
```


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

```
.border{ border-color:rgb(197, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5313, 82.0009, 106.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 241, 255) }
```

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

```
.background{ background-color: rgb(197,  
241, 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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