

Converting Colors

XYZ(73.6645, 82.8794,
113.3912)

Have a look what the booklet for
XYZ(73.6645, 82.8794, 113.3912)
contains.

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Color

**XYZ(72.3078, 82.3264,
106.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F2FF
RGB	195, 242, 255
RGB Percent	76%, 95%, 100%
CMY	0.2353, 0.0510, 0.0000
CMYK	0.24, 0.05, 0.00, 0.00
HSL	193°, 100%, 88%
HSV	193°, 24%, 100%
XYZ	72.3078, 82.3264, 106.6873
YIQ	229.4290, -32.1850, -5.9210

Conversions

Conversions Part 2

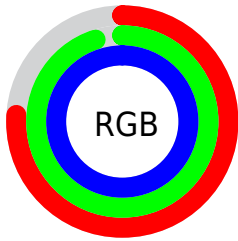
Format	Color
R_{YB}	195, 221, 255
Decimal	12841727
CIE _{Lab}	92.72, -12.17, -11.20
CIE _{LCh}	93, 16.542, 222.617
Yxy	82.3264, 0.2767, 0.3150
Android (android.graphics.Color)	4291031807 (0xFFC3F2FF)
YUV	229.4290, 12.6065, -30.1942
Hunter-Lab	90.7339, -16.5338, -6.2010

Details

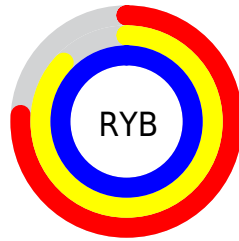
The XYZ color **72.3078, 82.3264, 106.6873** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.6460, 70.3110, 61.3213**, and the grayscale version is **74.7209, 78.6123, 85.6087**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **38.5672, 44.7705, 60.0349** is the 20% darker color. If you saturate the color by 10%, you get **64.6546, 75.9794, 105.8656**, and if you desaturate by 10%, it is **81.1401, 89.3592, 107.5792**.

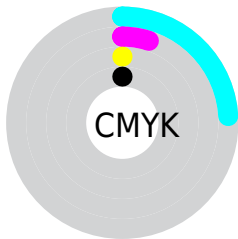
Distribution



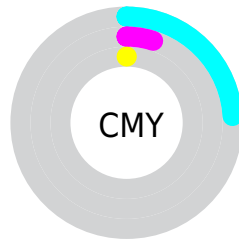
- Red (76%)
- Green (95%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3078, 82.3264, 106.6873 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 72.3078, 82.3264, 106.6873 by changing the saturation by 10% instead.

72.3078, 82.3264,
106.6873

72.3078, 82.3264,
106.6873

457.7533,
502.7388, 602.8554

53.6965, 61.6346,
81.2491

121.5025,
136.6316, 172.4489

38.5888, 44.7375,
60.2146

152.8166,
171.0139, 213.6093

26.6193, 31.2507,
43.1652

189.0957,
210.7284, 260.8476

17.4226, 20.7899,
29.6824

230.7051,
256.1596, 314.5823

10.6334, 12.9705,
19.3476

278.0102,
307.6918, 375.2318

5.8864, 7.4082,
11.7424

331.3764,

2.8161, 3.7187,

365.7095, 443.2148

6.4481

391.1689,
430.5970, 518.9499

■ 1.0573, 1.5175,
3.0463

■ 0.0000, 0.3010,
1.1183

■ 72.3078, 82.3264,
106.6873

■ 72.3078, 82.3264,
106.6873

■ 64.6546, 75.9794,
105.8656

■ 81.1401, 89.3592,
107.5792

■ 58.1164, 70.2781,
105.1097

■ 91.1985, 97.0963,
108.5425

■ 52.6327, 65.1929,
104.4172

95.0500, 100.0000,
108.9000

■ 48.1346, 60.6876,
103.7847

■ 44.5445, 56.7214,
103.2083

■ 41.7725, 53.2473,
102.6839

■ 39.7093, 50.2085,
102.2060

■ 38.6506, 48.4212,
101.9169

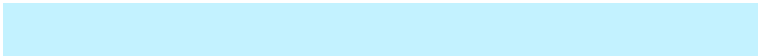
Harmonies

Analogous

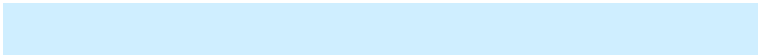
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4378, 82.3264, 94.9237



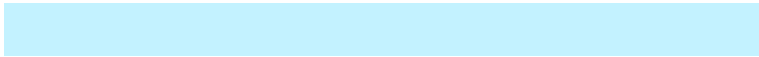
72.3078, 82.3264, 106.6873



75.7991, 82.3264, 114.2483

Triad

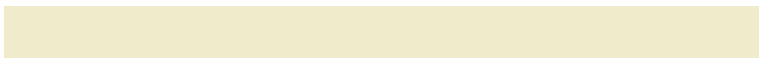
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3078, 82.3264, 106.6873



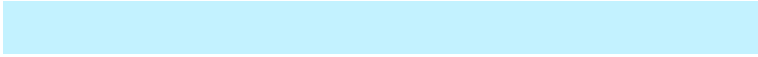
86.4262, 82.3264, 96.9182



76.4527, 82.3264, 68.4178

Complementary

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



72.3078, 82.3264, 106.6873



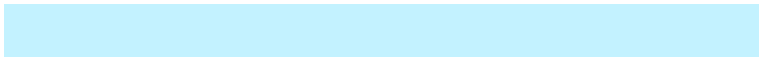
73.6460, 70.3110, 61.3213

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.



80.7507, 82.3264, 68.8454



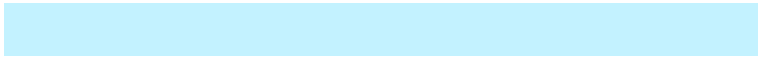
72.3078, 82.3264, 106.6873



86.6169, 82.3264, 84.5551

Square

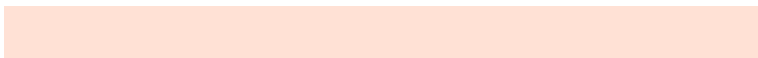
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



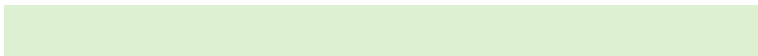
72.3078, 82.3264, 106.6873



83.9946, 82.3264, 108.2624



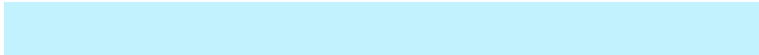
84.5066, 82.3264, 74.5119



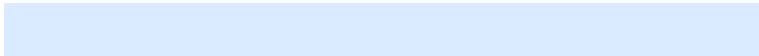
72.7711, 82.3264, 73.2848

Rectangle

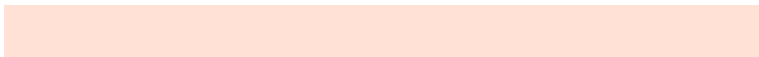
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



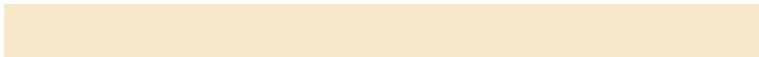
72.3078, 82.3264, 106.6873



78.6277, 82.3264, 115.4979



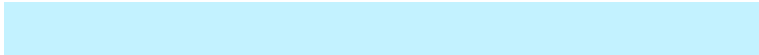
84.5066, 82.3264, 74.5119



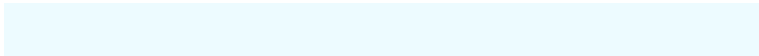
77.8711, 82.3264, 67.9609

Sweetspot

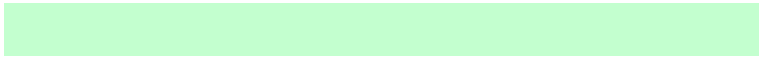
The Sweet Spot groups the original color and five complimentary colors.



72.3100, 82.3296, 106.6878



87.5641, 94.3283, 108.1998



69.5292, 87.6276, 72.2822



18.6104, 20.0891, 23.1466



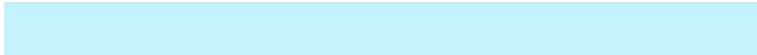
0.0000, 0.0000, 0.0000



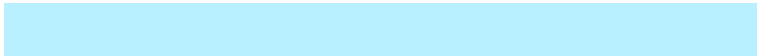
20.3446, 21.4041, 23.3091

Same Dimension

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



72.3100, 82.3296, 106.6878



68.7449, 79.4078, 106.3117



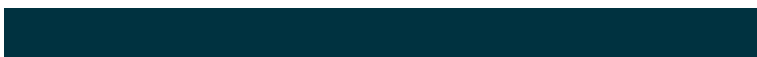
64.3512, 66.4120, 104.0349



18.2014, 19.7744, 23.1075



20.3101, 25.5298, 53.2919



2.0564, 2.6436, 5.2151

Inverse Universe

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



76.7835, 66.7026, 92.8362



73.9567, 61.6387, 90.0759



81.3751, 85.7691, 63.8976



18.6143, 18.2290, 21.8520



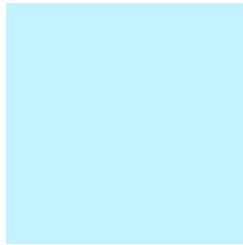
27.0398, 13.3052, 29.9238



2.6726, 1.3114, 3.1233

Previews

White Background



This preview shows how the XYZ color 72.3078, 82.3264, 106.6873 looks on a white background.

Color Contrast Check

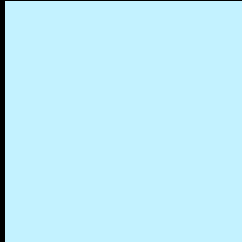
Large Text (above 18pt) WCAG AA × Fail

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 72.3078, 82.3264, 106.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

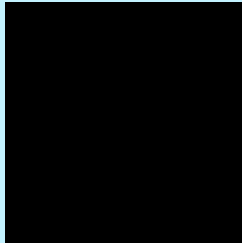
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3078, 82.3264, 106.6873

Background



This preview shows how black text looks on a background with the XYZ color 72.3078, 82.3264, 106.6873.



This preview shows how white text looks on a background with the XYZ color 72.3078, 82.3264,

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

72.3078, 82.3264, 106.6873

Protanopia

79.5598, 81.8764, 101.2330

Deuteranopia

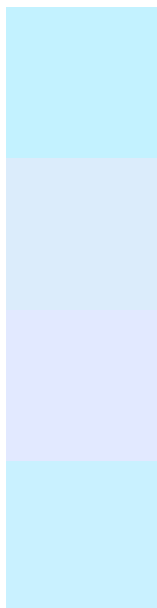
82.7556, 81.7615, 106.0276



Tritanopia

74.3869, 82.5193, 106.6150

Trichromacy



Original Color

72.3078, 82.3264, 106.6873

Protanomaly

76.6215, 82.0160, 103.0591

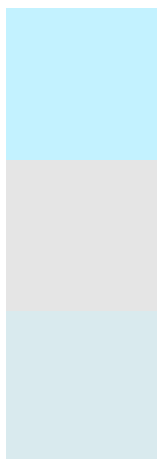
Deuteranomaly

78.5529, 81.6666, 106.2308

Tritanomaly

73.5927, 82.5481, 106.6624

Monochromacy



Original Color

72.3078, 82.3264, 106.6873

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.4707, 79.7704, 92.4138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3078, 82.3264, 106.6873 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(195, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 242, 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(195, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.3078, 82.3264, 106.6873 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(195, 242, 255) }
```


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

```
.border{ border-color:rgb(195, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3078, 82.3264, 106.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 242, 255) }
```

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

```
.background{ background-color: rgb(195,  
242, 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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