

Converting Colors

XYZ(72.0514, 81.9054,
100.0135)

Have a look what the booklet for
XYZ(72.0514, 81.9054, 100.0135)
contains.

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Color

**XYZ(72.0632, 81.9054,
100.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F1F7
RGB	200, 241, 247
RGB Percent	78%, 95%, 97%
CMY	0.2157, 0.0549, 0.0314
CMYK	0.19, 0.02, 0.00, 0.03
HSL	188°, 75%, 88%
HSV	188°, 19%, 97%
XYZ	72.0632, 81.9054, 100.0069
YIQ	229.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

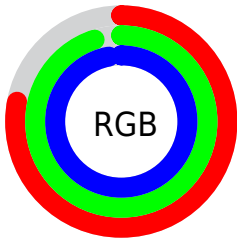
Format	Color
R _{YB}	200, 222, 247
Decimal	13169143
CIE Lab	92.53, -11.89, -7.28
CIE LCh	93, 13.943, 211.498
Yxy	81.9054, 0.2837, 0.3225
Android (android.graphics.Color)	4291359223 (0xFFC8F1F7)
YUV	229.4250, 8.6645, -25.8057
Hunter-Lab	90.5016, -16.2446, -2.1661

Details

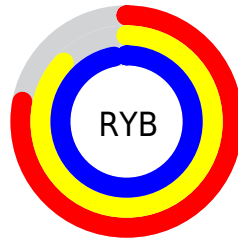
The XYZ color **72.0632, 81.9054, 100.0069** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8550, 68.0868, 64.0527**, and the grayscale version is **74.7432, 78.6356, 85.6342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4300, 44.4793, 55.8501** is the 20% darker color. If you saturate the color by 10%, you get **65.0678, 76.9283, 99.4162**, and if you desaturate by 10%, it is **80.1452, 87.4709, 100.6565**.

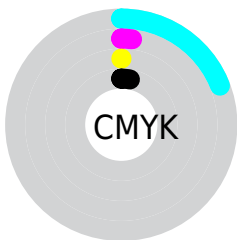
Distribution



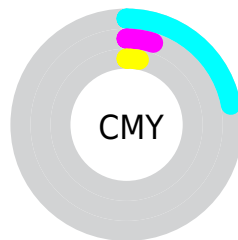
- Red (78%)
- Green (95%)
- Blue (97%)



- Red (78%)
- Yellow (87%)
- Blue (97%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0632, 81.9054, 100.0069 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 72.0632, 81.9054, 100.0069 by changing the saturation by 10% instead.

72.0632, 81.9054,
100.0069

72.0632, 81.9054,
100.0069

456.9158,
501.3312, 581.4617

53.4960, 61.2876,
75.6894

121.1567,
136.0413, 163.2186

38.4279, 44.4573,
55.6727

152.4137,
170.3282, 202.9499

26.4937, 31.0302,
39.5383

188.6312,
209.9402, 248.6562

17.3279, 20.6218,
26.8677

230.1748,
255.2618, 300.7560

10.5653, 12.8478,
17.2424

277.4096,
306.6773, 359.6680

5.8405, 7.3239,
10.2437

330.7012,

2.7881, 3.6655,

364.5711, 425.8105

5.4531

390.4148,
429.3276, 499.6022

■ 1.0427, 1.4882,
2.4521

■ 0.0000, 0.2804,
0.8146

■ 72.0632, 81.9054,
100.0069

■ 72.0632, 81.9054,
100.0069

■ 65.0678, 76.9283,
99.4162

■ 80.1452, 87.4709,
100.6565

■ 59.1006, 72.5030,
98.8766

■ 89.3544, 93.6394,
101.3618

■ 54.1087, 68.6042,
98.3871

■ 92.3573, 96.6327,
101.7813

■ 50.0315, 65.2005,
97.9451

■ 93.3472, 98.6125,
102.1112

■ 46.8014, 62.2570,
97.5471

■ 93.7888, 99.4955,
102.2584

■ 44.3415, 59.7339,
97.1898

■ 42.5605, 57.5840,
96.8687

■ 41.3217, 55.7368,
96.5774

■ 41.2133, 55.5646,
96.5499

Harmonies

Analogous

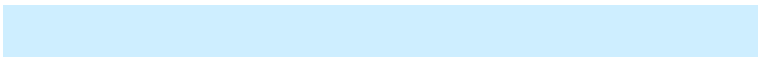
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0957, 81.9054, 89.7032



72.0632, 81.9054, 100.0069



74.5741, 81.9054, 107.8716

Triad

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



72.0632, 81.9054, 100.0069



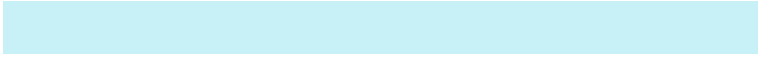
84.1272, 81.9054, 99.0358



77.6668, 81.9054, 70.7008

Complementary

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



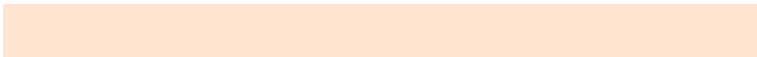
72.0632, 81.9054, 100.0069



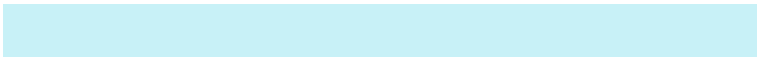
70.8550, 68.0868, 64.0527

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.



81.2176, 81.9054, 72.7847



72.0632, 81.9054, 100.0069



85.0162, 81.9054, 88.6610

Square

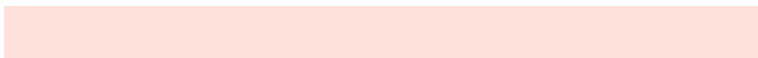
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0632, 81.9054, 100.0069



81.5422, 81.9054, 107.2811



83.9357, 81.9054, 79.1661



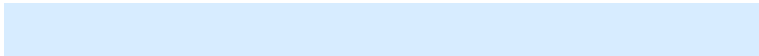
74.2683, 81.9054, 73.2407

Rectangle

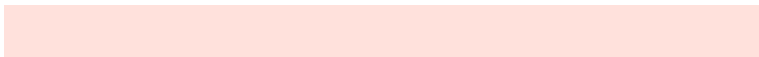
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



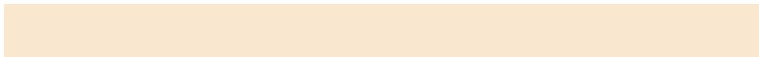
72.0632, 81.9054, 100.0069



76.8241, 81.9054, 110.3850



83.9357, 81.9054, 79.1661



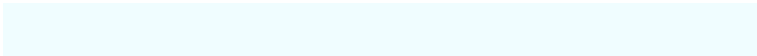
78.8822, 81.9054, 70.8828

Sweetspot

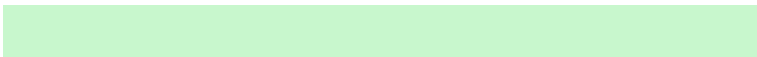
The Sweet Spot groups the original color and five complimentary colors.



72.0656, 81.9088, 100.0087



89.0238, 95.9736, 108.4404



68.1595, 83.2335, 70.5387



18.9201, 20.4516, 23.2003



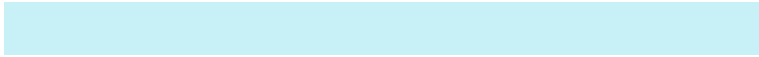
0.0000, 0.0000, 0.0000



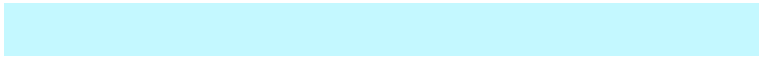
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0656, 81.9088, 100.0087



74.3251, 85.8408, 107.2593



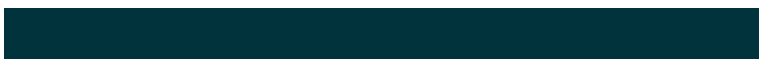
65.6851, 69.1477, 97.8819



16.8058, 18.3758, 21.2037



21.8696, 29.5331, 51.0858



1.9715, 2.6944, 4.5064

Inverse Universe

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



74.8911, 67.4353, 92.2921



77.9274, 67.6453, 97.3641



76.7992, 79.9752, 66.0340



17.1173, 16.7298, 20.3642



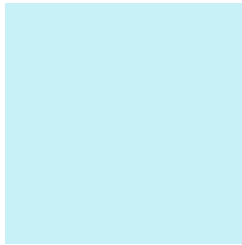
26.8433, 13.0808, 35.4788



2.3842, 1.1596, 3.2495

Previews

White Background



This preview shows how the XYZ color 72.0632, 81.9054, 100.0069 looks on a white background.

Color Contrast Check

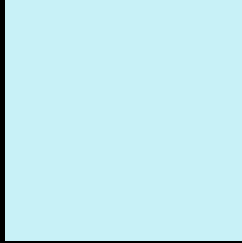
Large Text (above 18pt) WCAG AA × Fail

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 72.0632, 81.9054, 100.0069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

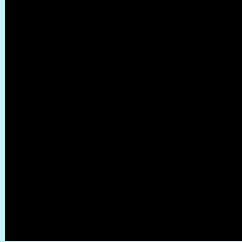
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0632, 81.9054, 100.0069

Background



This preview shows how black text looks on a background with the XYZ color 72.0632, 81.9054, 100.0069.

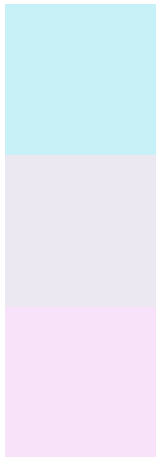


This preview shows how white text looks on a background with the XYZ color 72.0632, 81.9054,

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

72.0632, 81.9054, 100.0069

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

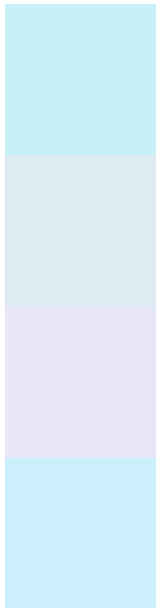
83.1631, 81.2513, 101.7424



Tritanopia

74.3567, 81.6345, 106.4458

Trichromacy



Original Color

72.0632, 81.9054, 100.0069

Protanomaly

76.0102, 81.4173, 96.5030

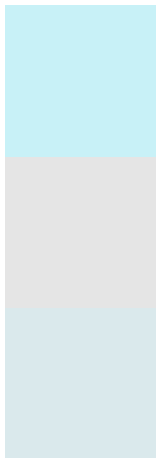
Deuteranomaly

78.6298, 80.9803, 101.1091

Tritanomaly

73.3390, 81.5986, 103.9802

Monochromacy



Original Color

72.0632, 81.9054, 100.0069

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.1927, 79.2394, 90.7939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0632, 81.9054, 100.0069 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(200, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 247)  
}
```

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(200, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 247) }
```

Border

The CSS property to change the border of an element to XYZ 72.0632, 81.9054, 100.0069 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(200, 241, 247) }
```


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

```
.border{ border-color:rgb(200, 241, 247) }
```

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

Here you see how a box with a 4 pixel rgb(200, 241, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(200, 241,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0632, 81.9054, 100.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 241, 247) }
```

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

```
.background{ background-color: rgb(200,  
241, 247) }
```

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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