

Converting Colors

XYZ(75.7839, 88.3754,
125.7828)

Have a look what the booklet for
XYZ(75.7839, 88.3754, 125.7828)
contains.

XYZ(72.1518, 86.7859, 107.5563)	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(72.1518, 86.7859,
107.5563)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FCFF
RGB	182, 252, 255
RGB Percent	71%, 99%, 100%
CMY	0.2863, 0.0117, 0.0000
CMYK	0.29, 0.01, 0.00, 0.00
HSL	182°, 100%, 86%
HSV	182°, 29%, 100%
XYZ	72.1518, 86.7859, 107.5563
YIQ	231.4120, -42.6830, -13.9070

Conversions

Conversions Part 2

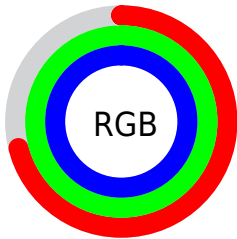
Format	Color
RYB	182, 218, 255
Decimal	11992319
CIELab	94.65, -20.81, -8.41
CIELCh	95, 22.451, 202.008
Yxy	86.7859, 0.2707, 0.3257
Android (android.graphics.Color)	4290182399 (0xFFB6FCFF)
YUV	231.4120, 11.6289, -43.3343
Hunter-Lab	93.1590, -24.7795, -3.2418

Details

The XYZ color **72.1518, 86.7859, 107.5563** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.0325, 59.3349, 52.1775**, and the grayscale version is **76.2033, 80.1718, 87.3071**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **38.4605, 47.6195, 60.5905** is the 20% darker color. If you saturate the color by 10%, you get **66.3421, 83.3066, 107.1909**, and if you desaturate by 10%, it is **79.0644, 90.8408, 107.9746**.

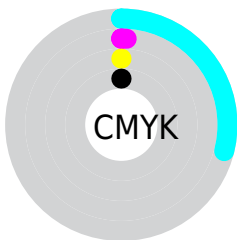
Distribution



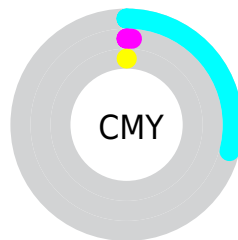
- Red (71%)
- Green (99%)
- Blue (100%)



- Red (71%)
- Yellow (85%)
- Blue (100%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1518, 86.7859, 107.5563 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 72.1518, 86.7859, 107.5563 by changing the saturation by 10% instead.

72.1518, 86.7859,
107.5563

72.1518, 86.7859,
107.5563

457.2192,
517.5191, 605.6090

53.5686, 65.3180,
81.9740

121.2820,
142.8657, 173.6453

38.4862, 47.7190,
60.8084

152.5596,
178.2464, 214.9890

26.5392, 33.6044,
43.6410

188.7995,
219.0335, 262.4236

17.3622, 22.5899,
30.0533

230.3669,
265.6114, 316.3677

10.5900, 14.2910,
19.6266

277.6272,
318.3646, 377.2397

5.8571, 8.3233,
11.9426

330.9458,

2.7982, 4.3025,

377.6773, 445.4583

6.5825

390.6880,
443.9340, 521.4418

■ 1.0480, 1.8442,
3.1279

■ 0.0000, 0.5145,
1.1603

■ 72.1518, 86.7859,
107.5563

■ 72.1518, 86.7859,
107.5563

■ 66.3421, 83.3066,
107.1909

■ 79.0644, 90.8408,
107.9746

■ 61.5689, 80.3621,
106.8742

■ 87.1281, 95.4897,
108.4469

■ 57.7692, 77.9222,
106.6035

95.0500, 100.0000,
108.9000

■ 54.8704, 75.9494,
106.3755

■ 52.7899, 74.4011,
106.1863

■ 51.4295, 73.2267,
106.0313

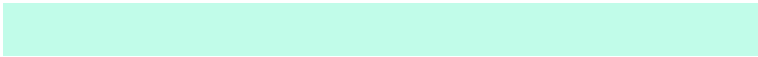
■ 50.6497, 72.3542,
105.9040

■ 50.5624, 72.2448,
105.8875

Harmonies

Analogous

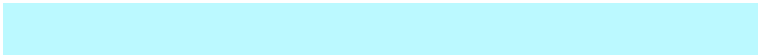
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4810, 86.7859, 89.9321



72.1518, 86.7859, 107.5563



75.5226, 86.7859, 123.3012

Triad

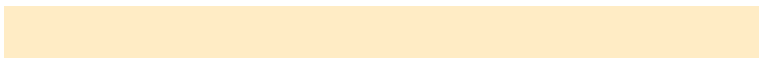
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1518, 86.7859, 107.5563



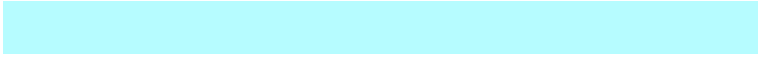
92.0127, 86.7859, 116.5545



84.1176, 86.7859, 65.1581

Complementary

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



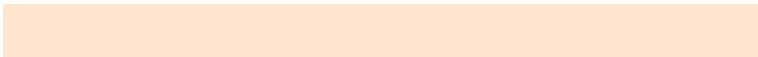
72.1518, 86.7859, 107.5563



67.0325, 59.3349, 52.1775

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.



89.8677, 86.7859, 70.5660



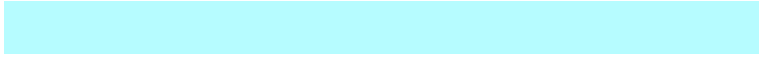
72.1518, 86.7859, 107.5563



94.5693, 86.7859, 99.2099

Square

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



72.1518, 86.7859, 107.5563



86.9301, 86.7859, 128.9233



93.7657, 86.7859, 82.5365



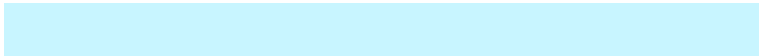
78.1987, 86.7859, 66.8165

Rectangle

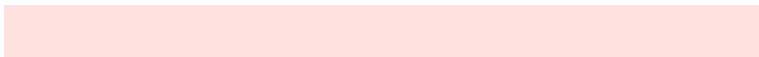
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1518, 86.7859, 107.5563



78.9413, 86.7859, 129.9094



93.7657, 86.7859, 82.5365



86.1381, 86.7859, 66.1839

Sweetspot

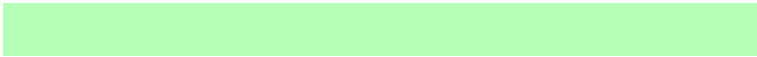
The Sweet Spot groups the original color and five complimentary colors.



72.1541, 86.7893, 107.5568



86.8053, 95.3048, 108.4283



63.7498, 84.9445, 58.6236



18.3144, 20.2469, 23.1927



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

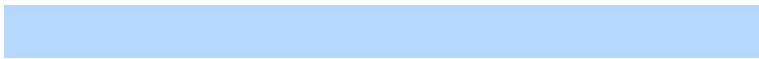
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1541, 86.7893, 107.5568



68.8980, 84.8489, 107.3539



61.9156, 66.3123, 104.1440



18.4872, 20.3460, 23.2027



26.4481, 37.8059, 55.3379



2.5942, 3.7192, 5.3944

Inverse Universe

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



75.5401, 61.7458, 100.0361



72.7805, 56.3691, 98.6773



75.5231, 76.3161, 55.0077



18.7586, 18.2867, 22.6118



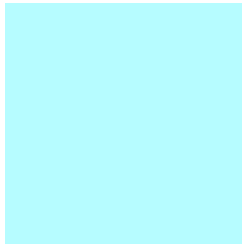
30.1380, 14.5445, 46.2386



2.9441, 1.4200, 4.5528

Previews

White Background



This preview shows how the XYZ color 72.1518, 86.7859, 107.5563 looks on a white background.

Color Contrast Check

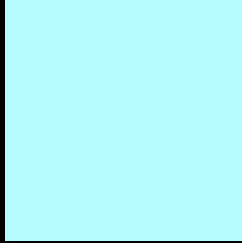
Large Text (above 18pt) WCAG AA × Fail

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 72.1518, 86.7859, 107.5563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

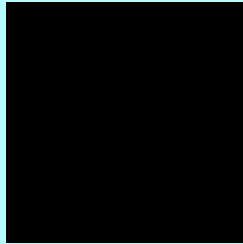
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1518, 86.7859, 107.5563

Background



This preview shows how black text looks on a background with the XYZ color 72.1518, 86.7859, 107.5563.

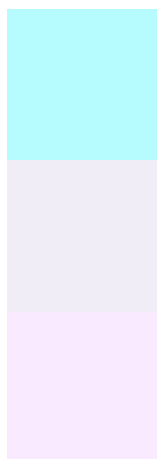


This preview shows how white text looks on a background with the XYZ color 72.1518, 86.7859,

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

72.1518, 86.7859, 107.5563

Protanopia

83.1944, 85.9230, 99.3888

Deuteranopia

86.8972, 86.3896, 106.7026



Tritanopia

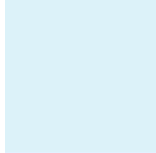
78.1322, 86.2175, 107.1314

Trichromacy



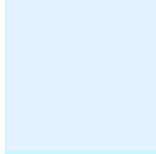
Original Color

72.1518, 86.7859, 107.5563



Protanomaly

78.3662, 85.5595, 102.0068



Deuteranomaly

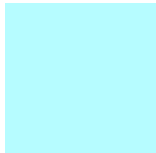
80.5566, 86.1381, 106.9883



Tritanomaly

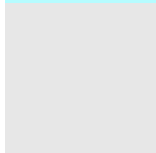
75.6679, 86.2981, 107.2768

Monochromacy



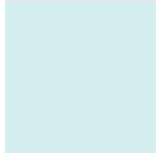
Original Color

72.1518, 86.7859, 107.5563



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.0353, 82.1704, 94.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1518, 86.7859, 107.5563 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(182, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 252, 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(182, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.1518, 86.7859, 107.5563 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(182, 252, 255) }
```


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

```
.border{ border-color:rgb(182, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1518, 86.7859, 107.5563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 252, 255) }
```

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

```
.background{ background-color: rgb(182,  
252, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor