

Converting Colors

XYZ(74.1259, 88.6859,
114.2736)

Have a look what the booklet for
XYZ(74.1259, 88.6859, 114.2736)
contains.

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Color

**XYZ(72.7832, 88.0487,
107.7668)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FEFF
RGB	182, 254, 255
RGB Percent	71%, 100%, 100%
CMY	0.2863, 0.0039, 0.0000
CMYK	0.29, 0.00, 0.00, 0.00
HSL	181°, 100%, 86%
HSV	181°, 29%, 100%
XYZ	72.7832, 88.0487, 107.7668
YIQ	232.5860, -43.2330, -14.9530

Conversions

Conversions Part 2

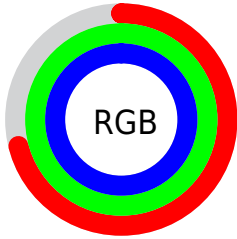
Format	Color
R_{YB}	182, 218, 255
Decimal	11992831
CIE _{Lab}	95.18, -21.79, -7.62
CIE _{LCh}	95, 23.085, 199.280
Yxy	88.0487, 0.2710, 0.3278
Android (android.graphics.Color)	4290182911 (0xFFB6FEFF)
YUV	232.5860, 11.0501, -44.3639
Hunter-Lab	93.8343, -25.7552, -2.4094

Details

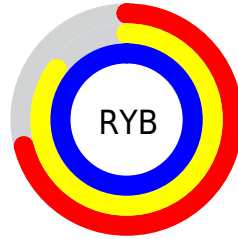
The XYZ color **72.7832, 88.0487, 107.7668** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.6170, 58.5039, 52.0390**, and the grayscale version is **77.0858, 81.1003, 88.3182**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **38.7635, 48.4453, 60.7339** is the 20% darker color. If you saturate the color by 10%, you get **67.1910, 85.0044, 107.4739**, and if you desaturate by 10%, it is **79.4767, 91.6655, 108.1121**.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7832, 88.0487, 107.7668 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 72.7832, 88.0487, 107.7668 by changing the saturation by 10% instead.

72.7832, 88.0487,
107.7668

72.7832, 88.0487,
107.7668

459.3785,
521.6627, 606.2751

54.0865, 66.3634,
82.1496

122.1742,
144.6250, 173.9349

38.9017, 48.5675,
60.9524

153.5991,
180.2847, 215.3230

26.8637, 34.2765,
43.7564

189.9975,
221.3714, 262.8051

17.6069, 23.1061,
30.1433

231.7347,
268.2694, 316.7997

10.7661, 14.6719,
19.6944

279.1760,
321.3632, 377.7255

5.9759, 8.5894,
11.9912

332.6869,

2.8710, 4.4744,

381.0370, 446.0010

6.6152

392.6326,
447.6754, 522.0447

■ 1.0859, 1.9423,
3.1479

■ 0.0133, 0.5736,
1.1706

■ 72.7832, 88.0487,
107.7668

■ 72.7832, 88.0487,
107.7668

■ 67.1910, 85.0044,
107.4739

■ 79.4767, 91.6655,
108.1121

■ 62.6336, 82.4916,
107.2291

■ 87.3197, 95.8730,
108.5108

■ 59.0482, 80.4802,
107.0298

95.0500, 100.0000,
108.9000

■ 56.3621, 78.9327,
106.8727

■ 54.4926, 77.8065,
106.7538

■ 53.3417, 77.0510,
106.6687

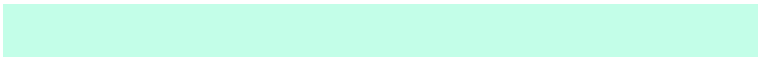
■ 52.7697, 76.5943,
106.6107

■ 52.7109, 76.5418,
106.6036

Harmonies

Analogous

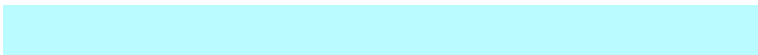
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3584, 88.0487, 89.5704



72.7832, 88.0487, 107.7668



76.0433, 88.0487, 124.5895

Triad

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



72.7832, 88.0487, 107.7668



93.1923, 88.0487, 120.2872



85.9575, 88.0487, 65.7066

Complementary

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



72.7832, 88.0487, 107.7668



66.6170, 58.5039, 52.0390

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.



91.8279, 88.0487, 71.9425



72.7832, 88.0487, 107.7668



96.1417, 88.0487, 102.4584

Square

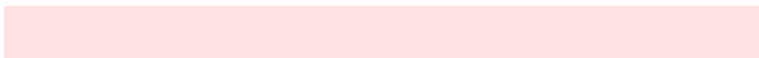
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



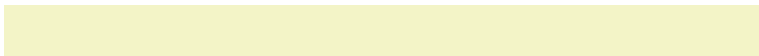
72.7832, 88.0487, 107.7668



87.7446, 88.0487, 132.4208



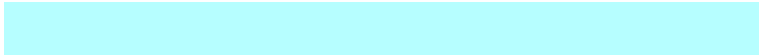
95.6302, 88.0487, 84.8828



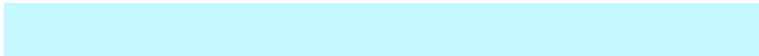
79.7577, 88.0487, 66.7521

Rectangle

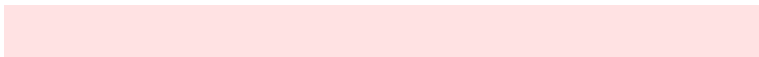
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7832, 88.0487, 107.7668



79.4812, 88.0487, 132.0516



95.6302, 88.0487, 84.8828



88.0399, 88.0487, 66.9864

Sweetspot

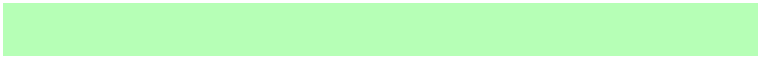
The Sweet Spot groups the original color and five complimentary colors.



72.7855, 88.0521, 107.7673



87.0052, 95.7047, 108.4949



63.4960, 84.8430, 57.2875



18.3641, 20.3463, 23.2093



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

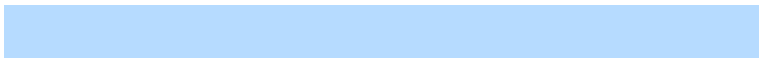
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7855, 88.0521, 107.7673



69.6465, 86.3459, 107.6034



62.5439, 67.5689, 104.3534



18.5324, 20.4364, 23.2178



27.5523, 40.0142, 55.7059



2.6892, 3.9092, 5.4261

Inverse Universe

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



75.8588, 61.8733, 101.7145



73.1583, 56.5203, 100.6668



74.8855, 75.0409, 54.7952



18.7814, 18.2959, 22.7319



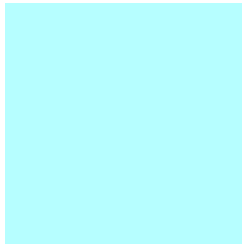
30.6953, 14.7674, 49.1735



2.9920, 1.4392, 4.8053

Previews

White Background



This preview shows how the XYZ color 72.7832, 88.0487, 107.7668 looks on a white background.

Color Contrast Check

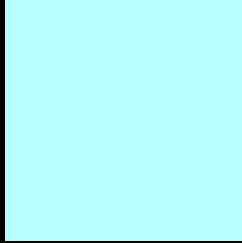
Large Text (above 18pt) WCAG AA × Fail

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 72.7832, 88.0487, 107.7668 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 72.7832, 88.0487, 107.7668

Background



This preview shows how black text looks on a background with the XYZ color 72.7832, 88.0487, 107.7668.

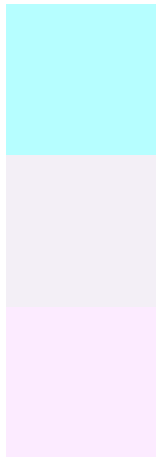


This preview shows how white text looks on a background with the XYZ color 72.7832, 88.0487,

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

72.7832, 88.0487, 107.7668

Protanopia

84.4632, 87.4415, 99.6150

Deuteranopia

87.9032, 87.3321, 106.8315



Tritanopia

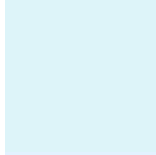
79.6158, 87.4302, 107.2873

Trichromacy



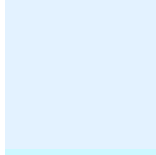
Original Color

72.7832, 88.0487, 107.7668



Protanomaly

79.2684, 86.9131, 102.2205



Deuteranomaly

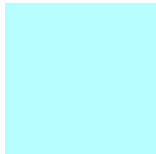
81.4807, 87.0552, 107.1166



Tritanomaly

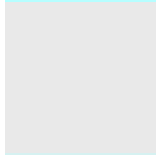
76.7942, 87.3339, 107.4174

Monochromacy



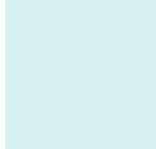
Original Color

72.7832, 88.0487, 107.7668



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.0640, 83.5576, 95.3910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7832, 88.0487, 107.7668 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, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 254, 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, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.7832, 88.0487, 107.7668 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, 254, 255) }
```


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

```
.border{ border-color:rgb(182, 254, 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, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7832, 88.0487, 107.7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 254, 255) }
```

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

```
.background{ background-color: rgb(182,  
254, 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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