

Converting Colors

XYZ(78.9452, 90.5692,
141.6425)

Have a look what the booklet for
XYZ(78.9452, 90.5692, 141.6425)
contains.

XYZ(72.5479, 87.9274, 107.7557)	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(72.5479, 87.9274,
107.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FEFF
RGB	181, 254, 255
RGB Percent	71%, 100%, 100%
CMY	0.2902, 0.0039, 0.0000
CMYK	0.29, 0.00, 0.00, 0.00
HSL	181°, 100%, 85%
HSV	181°, 29%, 100%
XYZ	72.5479, 87.9274, 107.7557
YIQ	232.2870, -43.8290, -15.1650

Conversions

Conversions Part 2

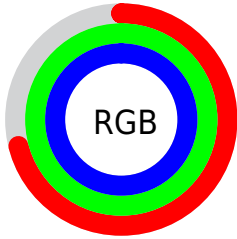
Format	Color
RYB	181, 218, 255
Decimal	11927295
CIELab	95.13, -22.06, -7.70
CIELCh	95, 23.370, 199.246
Yxy	87.9274, 0.2705, 0.3278
Android (android.graphics.Color)	4290117375 (0xFFB5FEFF)
YUV	232.2870, 11.1975, -44.9787
Hunter-Lab	93.7696, -25.9945, -2.4946

Details

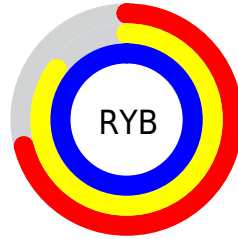
The XYZ color **72.5479, 87.9274, 107.7557** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3086, 58.0518, 51.4283**, and the grayscale version is **76.8609, 80.8637, 88.0606**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **38.6167, 48.3697, 60.7270** is the 20% darker color. If you saturate the color by 10%, you get **66.9990, 84.9076, 107.4653**, and if you desaturate by 10%, it is **79.1959, 91.5185, 108.0985**.

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 72.5479, 87.9274, 107.7557 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 72.5479, 87.9274, 107.7557 by changing the saturation by 10% instead.

72.5479, 87.9274,
107.7557

72.5479, 87.9274,
107.7557

458.5745,
521.2655, 606.2400

53.8934, 66.2629,
82.1404

121.8418,
144.4561, 173.9197

38.7468, 48.4859,
60.9448

153.2119,
180.0891, 215.3054

26.7426, 34.2118,
43.7503

189.5513,
221.1471, 262.7850

17.5156, 23.0564,
30.1385

231.2253,
268.0144, 316.7770

10.7004, 14.6351,
19.6908

278.5992,
321.0756, 377.6999

5.9315, 8.5637,
11.9886

332.0385,

2.8438, 4.4577,

380.7148, 445.9724

6.6135

391.9085,
447.3167, 522.0129

■ 1.0717, 1.9328,
3.1468

■ 0.0012, 0.5680,
1.1701

■ 72.5479, 87.9274,
107.7557

■ 72.5479, 87.9274,
107.7557

■ 66.9990, 84.9076,
107.4653

■ 79.1959, 91.5185,
108.0985

■ 62.4825, 82.4181,
107.2229

■ 86.9913, 95.6992,
108.4946

■ 58.9352, 80.4286,
107.0258

95.0500, 100.0000,
108.9000

■ 56.2842, 78.9014,
106.8707

■ 54.4463, 77.7936,
106.7538

■ 53.3227, 77.0544,
106.6703

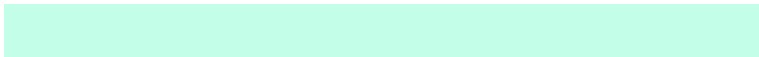
■ 52.7675, 76.6084,
106.6135

■ 52.7256, 76.5712,
106.6085

Harmonies

Analogous

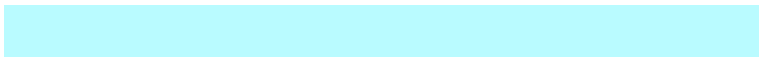
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1221, 87.9274, 89.3492



72.5479, 87.9274, 107.7557



75.8389, 87.9274, 124.8021

Triad

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



72.5479, 87.9274, 107.7557



93.1849, 87.9274, 120.4758



85.8755, 87.9274, 65.2814

Complementary

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



72.5479, 87.9274, 107.7557



66.3086, 58.0518, 51.4283

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.



91.8144, 87.9274, 71.5775



72.5479, 87.9274, 107.7557



96.1746, 87.9274, 102.4243

Square

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



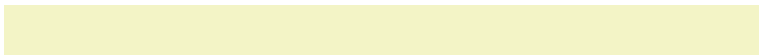
72.5479, 87.9274, 107.7557



87.6695, 87.9274, 132.7658



95.6606, 87.9274, 84.6488



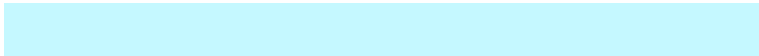
79.6049, 87.9274, 66.3270

Rectangle

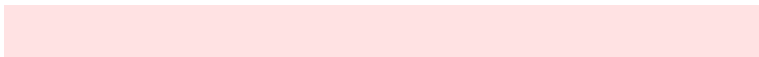
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5479, 87.9274, 107.7557



79.3125, 87.9274, 132.3742



95.6606, 87.9274, 84.6488



87.9821, 87.9274, 66.5742

Sweetspot

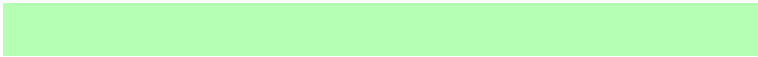
The Sweet Spot groups the original color and five complimentary colors.



72.5502, 87.9308, 107.7563



87.0065, 95.7074, 108.4954



63.1578, 84.6805, 56.7342



18.3644, 20.3470, 23.2094



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

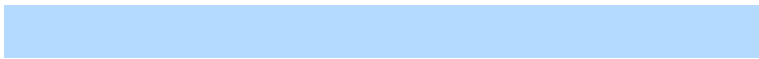
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5502, 87.9308, 107.7563



69.1018, 86.0565, 107.5763



62.1788, 67.1879, 104.2991



18.5327, 20.4370, 23.2179



27.5598, 40.0293, 55.7085



2.6899, 3.9104, 5.4263

Inverse Universe

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



75.6548, 61.4653, 101.6465



72.6881, 55.5846, 100.4956



74.6527, 74.7401, 54.2096



18.7815, 18.2959, 22.7327



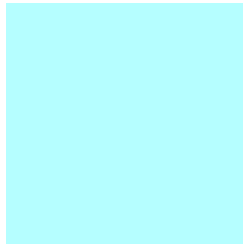
30.6991, 14.7689, 49.1935



2.9923, 1.4393, 4.8070

Previews

White Background



This preview shows how the XYZ color 72.5479, 87.9274, 107.7557 looks on a white background.

Color Contrast Check

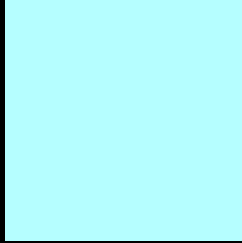
Large Text (above 18pt) WCAG AA × Fail

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 72.5479, 87.9274, 107.7557 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 72.5479, 87.9274, 107.7557

Background



This preview shows how black text looks on a background with the XYZ color 72.5479, 87.9274, 107.7557.

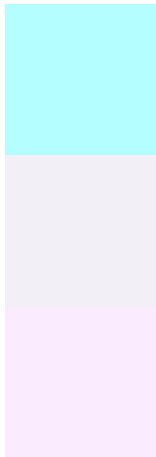


This preview shows how white text looks on a background with the XYZ color 72.5479, 87.9274,

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

72.5479, 87.9274, 107.7557

Protanopia

84.4632, 87.4415, 99.6150

Deuteranopia

87.5420, 87.1459, 106.8146



Tritanopia

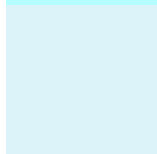
79.3177, 87.2765, 107.2733

Trichromacy



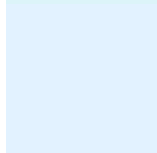
Original Color

72.5479, 87.9274, 107.7557



Protanomaly

78.9648, 86.7566, 102.2063



Deuteranomaly

81.1662, 86.8930, 107.1019



Tritanomaly

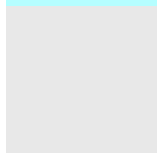
76.5192, 87.1922, 107.4045

Monochromacy



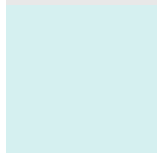
Original Color

72.5479, 87.9274, 107.7557



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.3288, 82.7576, 94.4943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5479, 87.9274, 107.7557 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(181, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.5479, 87.9274, 107.7557 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(181, 254, 255) }
```


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

```
.border{ border-color:rgb(181, 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(181, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5479, 87.9274, 107.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 255) }
```

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

```
.background{ background-color: rgb(181,  
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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