

Converting Colors

XYZ(86.5332, 93.2050,
149.0330)

Have a look what the booklet for
XYZ(86.5332, 93.2050, 149.0330)
contains.

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Color

**XYZ(78.8728, 90.2507,
107.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FCFF
RGB	208, 252, 255
RGB Percent	82%, 99%, 100%
CMY	0.1843, 0.0117, 0.0000
CMYK	0.18, 0.01, 0.00, 0.00
HSL	184°, 100%, 91%
HSV	184°, 18%, 100%
XYZ	78.8728, 90.2507, 107.8708
YIQ	239.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

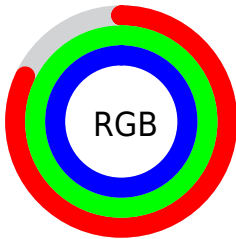
Format	Color
R _Y B	208, 231, 255
Decimal	13696255
CIE Lab	96.10, -13.33, -6.10
CIE LCh	96, 14.664, 204.586
Yxy	90.2507, 0.2847, 0.3258
Android (android.graphics.Color)	4291886335 (0xFFD0FCFF)
YUV	239.1860, 7.7963, -27.3501
Hunter-Lab	95.0004, -18.0534, -0.8222

Details

The XYZ color **78.8728, 90.2507, 107.8708** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9191, 72.4014, 69.6496**, and the grayscale version is **82.1472, 86.4253, 94.1172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8450, 49.8797, 60.7957** is the 20% darker color. If you saturate the color by 10%, you get **71.7642, 85.8341, 107.3930**, and if you desaturate by 10%, it is **87.1431, 95.2774, 108.4052**.

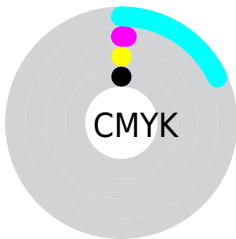
Distribution



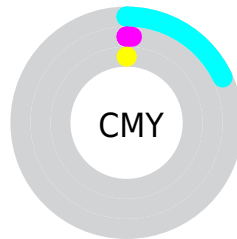
- Red (82%)
- Green (99%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8728, 90.2507, 107.8708 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 78.8728, 90.2507, 107.8708 by changing the saturation by 10% instead.

78.8728, 90.2507,
107.8708

78.8728, 90.2507,
107.8708

479.9205,
528.8460, 606.6040

59.0965, 68.1886,
82.2364

130.7386,
147.6866, 174.0780

42.9375, 50.0512,
61.0235

163.5589,
183.8291, 215.4880

30.0304, 35.4541,
43.8134

201.4579,
225.4340, 262.9935

20.0098, 24.0129,
30.1878

244.8009,
272.8855, 317.0131

12.5105, 15.3432,
19.7279

293.9533,
326.5680, 377.9655

7.1670, 9.0606,
12.0153

349.2804,

3.6140, 4.7807,

386.8660, 446.2690

6.6314

411.1477,
454.1639, 522.3424

■ 1.4862, 2.1192,
3.1578

■ 0.3164, 0.6754,
1.1757

■ 78.8728, 90.2507,
107.8708

■ 78.8728, 90.2507,
107.8708

■ 71.7642, 85.8341,
107.3930

■ 87.1431, 95.2774,
108.4052

■ 65.7552, 81.9885,
106.9674

95.0500, 100.0000,
108.9000

■ 60.7887, 78.6868,
106.5919

■ 56.7997, 75.8953,
106.2633

■ 53.7156, 73.5768,
105.9784

■ 51.4539, 71.6887,
105.7331

■ 49.9170, 70.1806,
105.5231

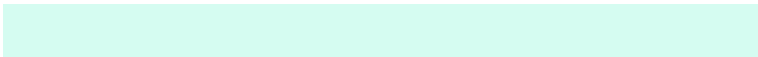
■ 48.9682, 68.9820,
105.3417

■ 48.8435, 68.8070,
105.3145

Harmonies

Analogous

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



78.2379, 90.2507, 96.1724



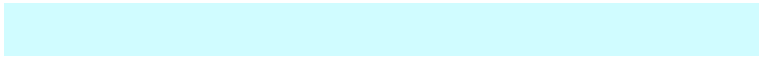
78.8728, 90.2507, 107.8708



81.3340, 90.2507, 117.6473

Triad

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



78.8728, 90.2507, 107.8708



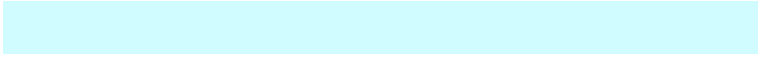
92.3044, 90.2507, 111.8073



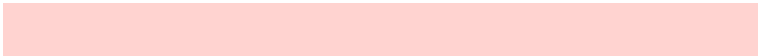
86.5196, 90.2507, 77.6396

Complementary

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



78.8728, 90.2507, 107.8708



75.9191, 72.4014, 69.6496

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.



90.3864, 90.2507, 81.1424



78.8728, 90.2507, 107.8708



93.7931, 90.2507, 100.3931

Square

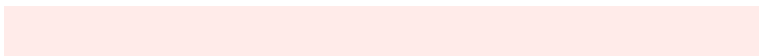
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8728, 90.2507, 107.8708



89.0713, 90.2507, 120.0428



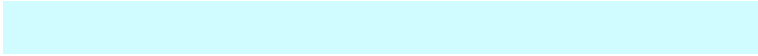
93.0804, 90.2507, 89.2521



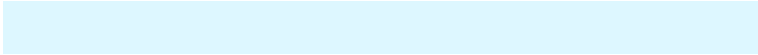
82.5720, 90.2507, 79.2992

Rectangle

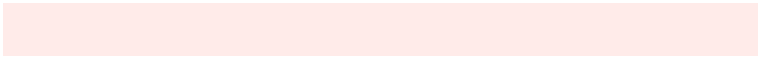
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8728, 90.2507, 107.8708



83.7215, 90.2507, 121.4462



93.0804, 90.2507, 89.2521



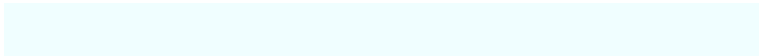
87.8732, 90.2507, 78.2435

Sweetspot

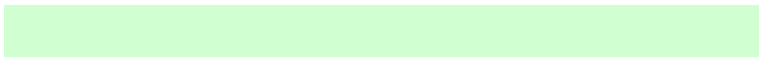
The Sweet Spot groups the original color and five complimentary colors.



78.8752, 90.2543, 107.8714



89.3332, 96.5923, 108.5436



73.4500, 89.6010, 74.6267



18.9935, 20.5983, 23.2248



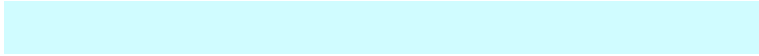
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

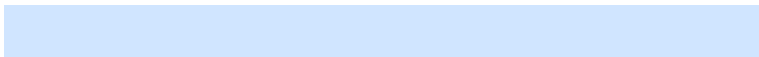
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8752, 90.2543, 107.8714



76.2068, 88.6087, 107.6944



72.1244, 76.7527, 105.6211



18.4499, 20.2714, 23.1903



25.5642, 36.0380, 55.0432



2.5179, 3.5664, 5.3690

Inverse Universe

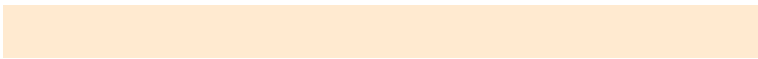
The Inverse Universe completely reimagines the original color for something new.



81.3680, 73.4016, 101.9791



79.1201, 69.0527, 100.7769



82.0059, 84.5751, 71.6786



18.7397, 18.2792, 22.5126



29.6918, 14.3660, 43.8891



2.9055, 1.4046, 4.3498

Previews

White Background



This preview shows how the XYZ color 78.8728, 90.2507, 107.8708 looks on a white background.

Color Contrast Check

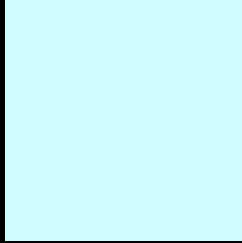
Large Text (above 18pt) WCAG AA × Fail

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 78.8728, 90.2507, 107.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

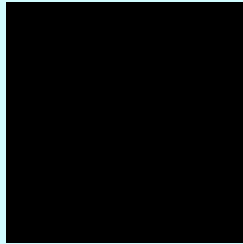
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8728, 90.2507, 107.8708

Background



This preview shows how black text looks on a background with the XYZ color 78.8728, 90.2507, 107.8708.



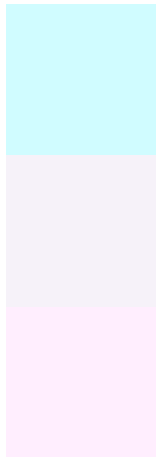
This preview shows how white text looks on a background with the XYZ color 78.8728, 90.2507,

107.8708.

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

78.8728, 90.2507, 107.8708

Protanopia

86.8570, 89.9366, 102.4042

Deuteranopia

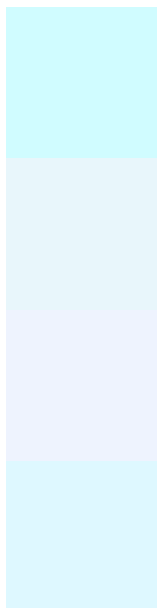
89.7039, 89.5648, 106.3258



Tritanopia

83.6389, 89.9545, 107.5625

Trichromacy



Original Color

78.8728, 90.2507, 107.8708

Protanomaly

83.6471, 90.0324, 104.2361

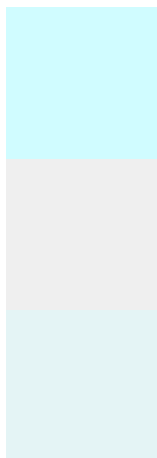
Deuteranomaly

85.1999, 89.4341, 106.5379

Tritanomaly

81.7416, 89.8844, 107.6489

Monochromacy



Original Color

78.8728, 90.2507, 107.8708

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.8270, 87.7879, 99.0709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8728, 90.2507, 107.8708 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(208, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.8728, 90.2507, 107.8708 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(208, 252, 255) }
```


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

```
.border{ border-color:rgb(208, 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(208, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8728, 90.2507, 107.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 252, 255) }
```

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

```
.background{ background-color: rgb(208,  
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](#).

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