

Converting Colors

XYZ(106.2123, 100.0000,
252.4138)

Have a look what the booklet for
XYZ(106.2123, 100.0000, 252.4138)
contains.

XYZ(78.5040, 88.6730, 107.5857)	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(78.5040, 88.6730,
107.5857)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F9FF
RGB	210, 249, 255
RGB Percent	82%, 98%, 100%
CMY	0.1765, 0.0235, 0.0000
CMYK	0.18, 0.02, 0.00, 0.00
HSL	188°, 100%, 91%
HSV	188°, 18%, 100%
XYZ	78.5040, 88.6730, 107.5857
YIQ	238.0230, -25.1700, -6.4020

Conversions

Conversions Part 2

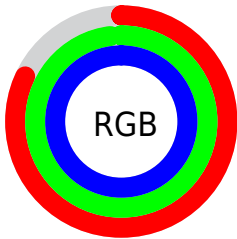
Format	Color
R _Y B	210, 231, 255
Decimal	13826559
CIE Lab	95.44, -11.24, -7.06
CIE LCh	95, 13.269, 212.136
Yxy	88.6730, 0.2857, 0.3227
Android (android.graphics.Color)	4292016639 (0xFFD2F9FF)
YUV	238.0230, 8.3697, -24.5762
Hunter-Lab	94.1663, -15.9803, -1.8228

Details

The XYZ color **78.5040, 88.6730, 107.5857** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.4284, 75.0237, 71.3745**, and the grayscale version is **81.2390, 85.4698, 93.0766**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7806, 49.1857, 60.6651** is the 20% darker color. If you saturate the color by 10%, you get **70.7744, 83.1457, 106.9263**, and if you desaturate by 10%, it is **87.4140, 94.8417, 108.3068**.

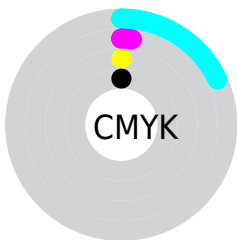
Distribution



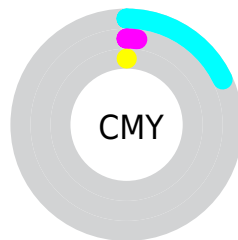
- Red (82%)
- Green (98%)
- Blue (100%)



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



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5040, 88.6730, 107.5857 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 78.5040, 88.6730, 107.5857 by changing the saturation by 10% instead.

78.5040, 88.6730,
107.5857

78.5040, 88.6730,
107.5857

478.6905,
523.7047, 605.7021

58.7923, 66.8806,
81.9985

130.2220,
145.4938, 173.6857

42.6917, 48.9876,
60.8285

162.9590,
181.2909, 215.0357

29.8367, 34.6096,
43.6571

200.7684,
222.5250, 262.4769

19.8622, 23.3623,
30.0658

244.0158,
269.5805, 316.4280

12.4026, 14.8613,
19.6361

293.0663,
322.8419, 377.3076

7.0926, 8.7221,
11.9493

348.2853,

3.5669, 4.5604,

382.6934, 445.5341

6.5871

410.0382,
449.5195, 521.5261

■ 1.4602, 1.9917,
3.1307

■ 0.2985, 0.6026,
1.1618

■ 78.5040, 88.6730,
107.5857

■ 78.5040, 88.6730,
107.5857

■ 70.7744, 83.1457,
106.9263

■ 87.4140, 94.8417,
108.3068

■ 64.1634, 78.2209,
106.3241

95.0500, 100.0000,
108.9000

■ 58.6143, 73.8713,
105.7770

■ 54.0622, 70.0635,
105.2820

■ 50.4354, 66.7602,
104.8355

■ 47.6522, 63.9193,
104.4339

■ 45.6162, 61.4909,
104.0724

■ 44.2005, 59.4094,
103.7453

■ 43.9136, 58.9473,
103.6712

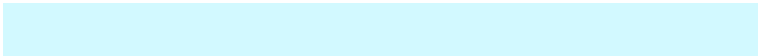
Harmonies

Analogous

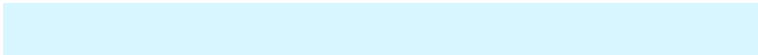
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4924, 88.6730, 97.2974



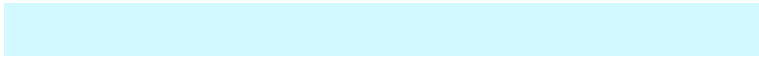
78.5040, 88.6730, 107.5857



81.0587, 88.6730, 115.3352

Triad

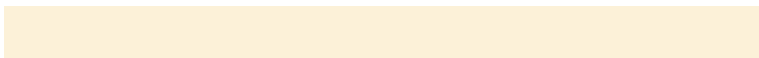
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5040, 88.6730, 107.5857



90.6077, 88.6730, 106.2035



84.0209, 88.6730, 77.9086

Complementary

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



78.5040, 88.6730, 107.5857



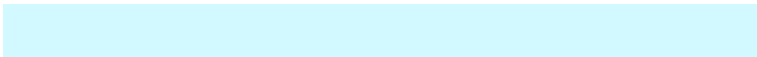
77.4284, 75.0237, 71.3745

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.



87.5876, 88.6730, 79.9237



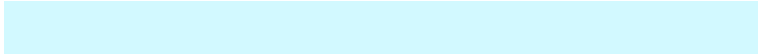
78.5040, 88.6730, 107.5857



91.4550, 88.6730, 95.8061

Square

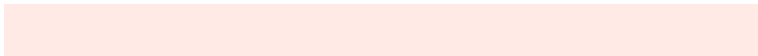
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5040, 88.6730, 107.5857



88.0511, 88.6730, 114.4977



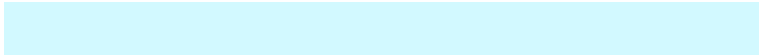
90.3347, 88.6730, 86.2957



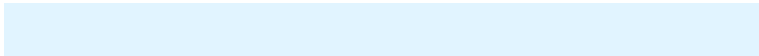
80.6201, 88.6730, 80.5829

Rectangle

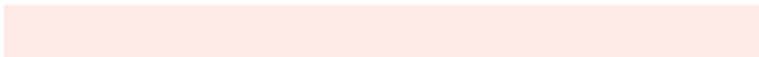
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



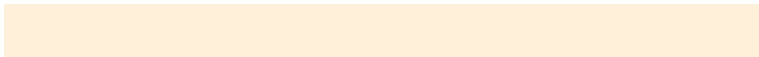
78.5040, 88.6730, 107.5857



83.3291, 88.6730, 117.7510



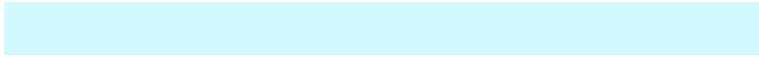
90.3347, 88.6730, 86.2957



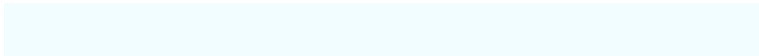
85.2402, 88.6730, 78.0597

Sweetspot

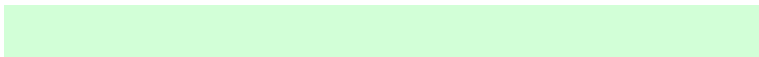
The Sweet Spot groups the original color and five complimentary colors.



78.5063, 88.6765, 107.5863



89.9743, 96.5825, 108.5079



74.6372, 90.1413, 77.9252



19.1109, 20.5727, 23.2136



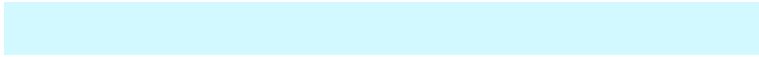
0.0000, 0.0000, 0.0000



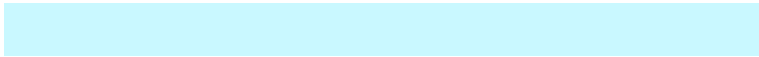
20.3446, 21.4041, 23.3091

Same Dimension

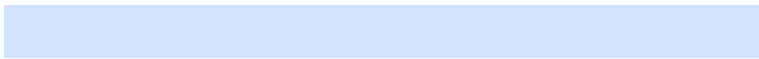
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5063, 88.6765, 107.5863



75.7847, 86.7522, 107.3583



72.1670, 75.9979, 105.4732



18.3363, 20.0442, 23.1524



23.0260, 30.9616, 54.1972



2.2967, 3.1242, 5.2952

Inverse Universe

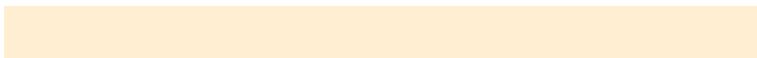
The Inverse Universe completely reimagines the original color for something new.



81.3869, 74.1943, 99.6581



79.1542, 70.0124, 98.0396



83.3752, 86.9174, 73.3568



18.6824, 18.2563, 22.2107



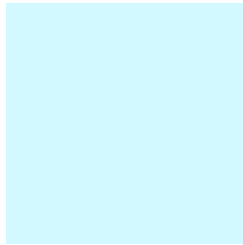
28.4107, 13.8536, 37.1427



2.7939, 1.3599, 3.7620

Previews

White Background



This preview shows how the XYZ color 78.5040, 88.6730, 107.5857 looks on a white background.

Color Contrast Check

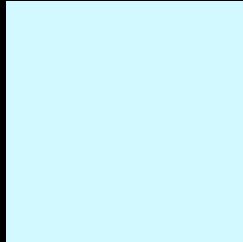
Large Text (above 18pt) WCAG AA × Fail

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 78.5040, 88.6730, 107.5857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

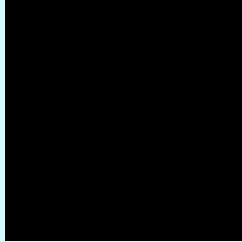
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5040, 88.6730, 107.5857

Background



This preview shows how black text looks on a background with the XYZ color 78.5040, 88.6730, 107.5857.



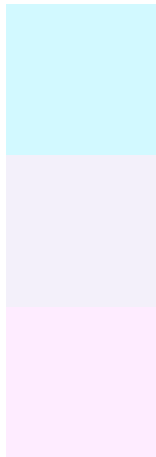
This preview shows how white text looks on a background with the XYZ color 78.5040, 88.6730,

107.5857.

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

78.5040, 88.6730, 107.5857

Protanopia

85.3776, 88.2770, 102.9818

Deuteranopia

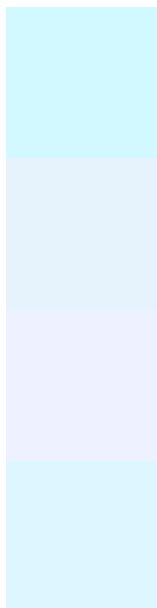
88.9185, 88.2817, 106.9613



Tritanopia

82.0792, 88.2523, 107.3161

Trichromacy



Original Color

78.5040, 88.6730, 107.5857

Protanomaly

82.5763, 88.1184, 104.7518

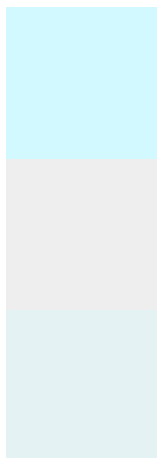
Deuteranomaly

84.7652, 88.3077, 107.1852

Tritanomaly

80.8246, 88.5037, 107.4308

Monochromacy



Original Color

78.5040, 88.6730, 107.5857

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.0762, 86.5299, 98.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5040, 88.6730, 107.5857 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(210, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 249, 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(210, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.5040, 88.6730, 107.5857 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(210, 249, 255) }
```


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

```
.border{ border-color:rgb(210, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5040, 88.6730, 107.5857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 249, 255) }
```

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

```
.background{ background-color: rgb(210,  
249, 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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