

Converting Colors

XYZ(73.1374, 88.1929,
107.7759)

Have a look what the booklet for
XYZ(73.1374, 88.1929, 107.7759)
contains.

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Color

**XYZ(73.2590, 88.2940,
107.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FEFF
RGB	184, 254, 255
RGB Percent	72%, 100%, 100%
CMY	0.2784, 0.0039, 0.0000
CMYK	0.28, 0.00, 0.00, 0.00
HSL	181°, 100%, 86%
HSV	181°, 28%, 100%
XYZ	73.2590, 88.2940, 107.7890
YIQ	233.1840, -42.0410, -14.5290

Conversions

Conversions Part 2

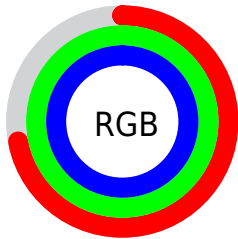
Format	Color
RYB	184, 219, 255
Decimal	12123903
CIELab	95.28, -21.24, -7.46
CIElCh	95, 22.512, 199.347
Yxy	88.2940, 0.2720, 0.3278
Android (android.graphics.Color)	4290313983 (0xFFB8FEFF)
YUV	233.1840, 10.7553, -43.1344
Hunter-Lab	93.9649, -25.2724, -2.2373

Details

The XYZ color **73.2590, 88.2940, 107.7890** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.2407, 59.4182, 53.2741**, and the grayscale version is **77.5369, 81.5748, 88.8350**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **39.2126, 48.6768, 60.7549** is the 20% darker color. If you saturate the color by 10%, you get **67.5798, 85.2003, 107.4912**, and if you desaturate by 10%, it is **80.0440, 91.9626, 108.1395**.

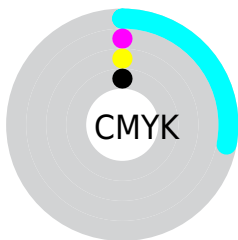
Distribution



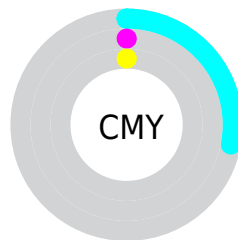
- Red (72%)
- Green (100%)
- Blue (100%)



- Red (72%)
- Yellow (86%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2590, 88.2940, 107.7890 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 73.2590, 88.2940, 107.7890 by changing the saturation by 10% instead.

73.2590, 88.2940,
107.7890

73.2590, 88.2940,
107.7890

461.0019,
522.4655, 606.3453

54.4769, 66.5666,
82.1682

122.8460,
144.9664, 173.9655

39.2153, 48.7325,
60.9675

154.3816,
180.6802, 215.3582

27.1087, 34.4073,
43.7686

190.8990,
221.8248, 262.8453

17.7919, 23.2067,
30.1528

232.7637,
268.7848, 316.8453

10.8995, 14.7462,
19.7015

280.3410,
321.9445, 377.7768

6.0661, 8.6415,
11.9964

333.9962,

2.9263, 4.5081,

381.6882, 446.0582

6.6187

394.0947,
448.4004, 522.1082

■ 1.1149, 1.9616,
3.1500

■ 0.0376, 0.5850,
1.1717

■ 73.2590, 88.2940,
107.7890

■ 73.2590, 88.2940,
107.7890

■ 67.5798, 85.2003,
107.4912

■ 80.0440, 91.9626,
108.1395

■ 62.9403, 82.6406,
107.2417

■ 87.9827, 96.2240,
108.5437

■ 59.2781, 80.5850,
107.0379

95.0500, 100.0000,
108.9000

■ 56.5212, 78.9965,
106.8766

■ 54.5879, 77.8329,
106.7539

■ 53.3817, 77.0444,
106.6653

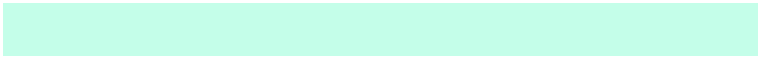
■ 52.7733, 76.5644,
106.6047

■ 52.6803, 76.4806,
106.5934

Harmonies

Analogous

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



72.8364, 88.2940, 90.0166



73.2590, 88.2940, 107.7890



76.4563, 88.2940, 124.1624

Triad

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



73.2590, 88.2940, 107.7890



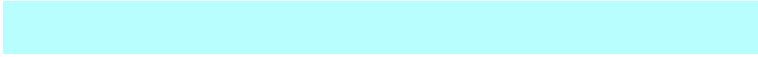
93.2078, 88.2940, 119.9099



86.1239, 88.2940, 66.5690

Complementary

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



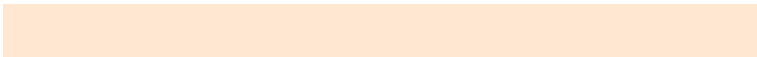
73.2590, 88.2940, 107.7890



67.2407, 59.4182, 53.2741

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.



91.8559, 88.2940, 72.6822



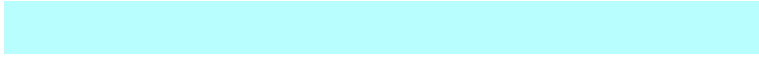
73.2590, 88.2940, 107.7890



96.0764, 88.2940, 102.5290

Square

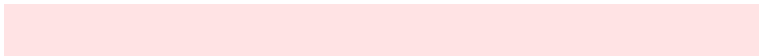
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



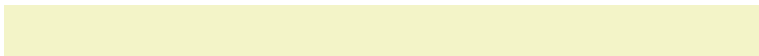
73.2590, 88.2940, 107.7890



87.8963, 88.2940, 131.7295



95.5699, 88.2940, 85.3568



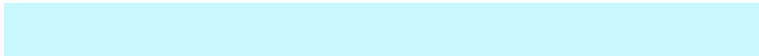
80.0670, 88.2940, 67.6137

Rectangle

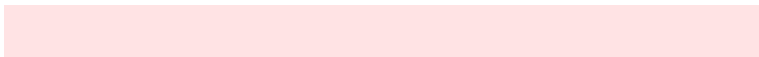
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2590, 88.2940, 107.7890



79.8221, 88.2940, 131.4045



95.5699, 88.2940, 85.3568



88.1575, 88.2940, 67.8224

Sweetspot

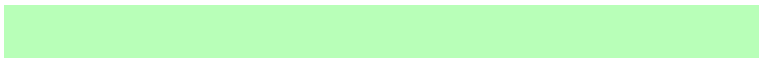
The Sweet Spot groups the original color and five complimentary colors.



73.2613, 88.2974, 107.7896



87.8479, 96.1518, 108.5368



64.1801, 85.1716, 58.4064



18.5318, 20.4352, 23.2176



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

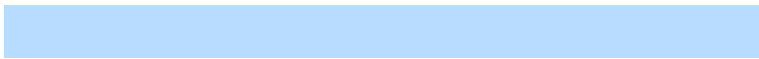
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2613, 88.2974, 107.7896



70.1968, 86.6308, 107.6294



63.2806, 68.3360, 104.4627



18.5318, 20.4352, 23.2176



27.5366, 39.9827, 55.7007



2.6879, 3.9065, 5.4256

Inverse Universe

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



76.2714, 62.6985, 101.8520



73.6352, 57.4734, 100.8277



75.3547, 75.6460, 55.9788



18.7811, 18.2957, 22.7302



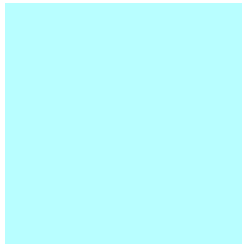
30.6874, 14.7642, 49.1317



2.9913, 1.4389, 4.8017

Previews

White Background



This preview shows how the XYZ color 73.2590, 88.2940, 107.7890 looks on a white background.

Color Contrast Check

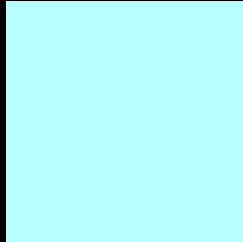
Large Text (above 18pt) WCAG AA × Fail

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 73.2590, 88.2940, 107.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

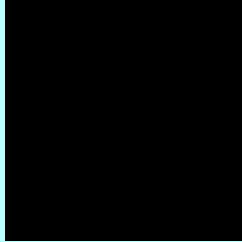
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2590, 88.2940, 107.7890

Background



This preview shows how black text looks on a background with the XYZ color 73.2590, 88.2940, 107.7890.

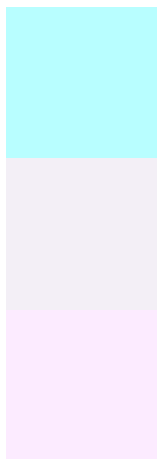


This preview shows how white text looks on a background with the XYZ color 73.2590, 88.2940,

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

73.2590, 88.2940, 107.7890

Protanopia

84.4632, 87.4415, 99.6150

Deuteranopia

87.9032, 87.3321, 106.8315



Tritanopia

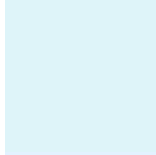
80.2192, 88.1916, 107.4024

Trichromacy



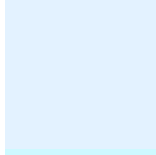
Original Color

73.2590, 88.2940, 107.7890



Protanomaly

79.5738, 87.0705, 102.2348



Deuteranomaly

81.4807, 87.0552, 107.1166



Tritanomaly

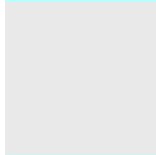
77.3793, 88.0932, 107.5331

Monochromacy



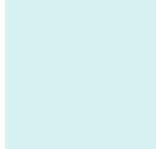
Original Color

73.2590, 88.2940, 107.7890



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.3568, 83.7085, 95.4047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2590, 88.2940, 107.7890 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(184, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2590, 88.2940, 107.7890 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(184, 254, 255) }
```


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

```
.border{ border-color:rgb(184, 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(184, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2590, 88.2940, 107.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 254, 255) }
```

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

```
.background{ background-color: rgb(184,  
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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