

Converting Colors

XYZ(69.8506, 87.3871, 90.6489)

Have a look what the booklet for
XYZ(69.8506, 87.3871, 90.6489)
contains.

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Color

**XYZ(69.7594, 87.3483,
90.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFE9
RGB	182, 255, 233
RGB Percent	71%, 100%, 91%
CMY	0.2863, 0.0000, 0.0863
CMYK	0.29, 0.00, 0.09, 0.00
HSL	162°, 100%, 86%
HSV	162°, 29%, 100%
XYZ	69.7594, 87.3483, 90.2740
YIQ	230.6650, -36.4460, -22.3180

Conversions

Conversions Part 2

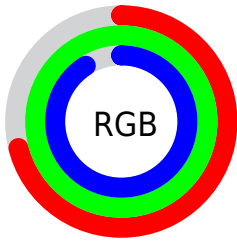
Format	Color
RYB	182, 225, 255
Decimal	11993065
CIELab	94.89, -26.94, 3.30
CIELCh	95, 27.142, 173.027
Yxy	87.3483, 0.2820, 0.3531
Android (android.graphics.Color)	4290183145 (0xFFB6FFE9)
YUV	230.6650, 1.1512, -42.6792
Hunter-Lab	93.4603, -30.3220, 8.1536

Details

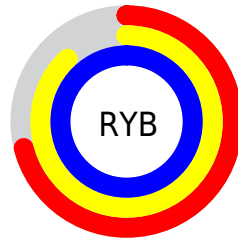
The XYZ color **69.7594, 87.3483, 90.2740** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **68.8677, 59.0766, 64.9004**, and the grayscale version is **75.7176, 79.6608, 86.7506**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **36.8823, 48.0745, 48.9304** is the 20% darker color. If you saturate the color by 10%, you get **63.2017, 84.0918, 84.3616**, and if you desaturate by 10%, it is **77.4632, 91.1901, 96.4924**.

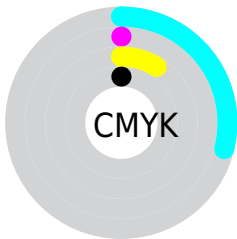
Distribution



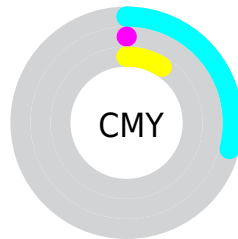
- Red (71%)
- Green (100%)
- Blue (91%)



- Red (71%)
- Yellow (88%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7594, 87.3483, 90.2740 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 69.7594, 87.3483, 90.2740 by changing the saturation by 10% instead.

 69.7594, 87.3483,
90.2740

 69.7594, 87.3483,
90.2740


448.9844,
519.3667, 549.5148

 51.6093, 65.7835,
67.6329


 117.8937,
143.6495, 149.6578

 36.9168, 48.0967,
49.1343


148.6086,
179.1547, 187.2376

 25.3164, 33.9034,
34.3597


184.2426,
220.0755, 230.6340

 16.4429, 22.8194,
22.8905

225.1608,
266.7962, 280.2656

 9.9310, 14.4602,
14.3081

271.7288,
319.7013, 336.5510

 5.4151, 8.4415,
8.1941

324.3118,

 2.5301, 4.3787,

379.1751, 399.9086

4.1298

383.2752,
445.6021, 470.7571

■ 0.9104, 1.8876,
1.6968

■ 0.0000, 0.5409,
0.3586

■ 69.7594, 87.3483,
90.2740

■ 69.7594, 87.3483,
90.2740

■ 63.2017, 84.0918,
84.3616

■ 77.4632, 91.1901,
96.4924

■ 57.7274, 81.3883,
78.7450

■ 86.3660, 95.6444,
103.0183

■ 53.2713, 79.2044,
73.4193

95.0500, 100.0000,
108.9000

■ 49.7604, 77.5024,
68.3778

■ 47.1112, 76.2394,
63.6133

■ 45.2251, 75.3646,
59.1178

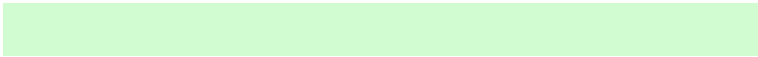
■ 43.9618, 74.8058,
54.8813

■ 43.8114, 74.7406,
54.3182

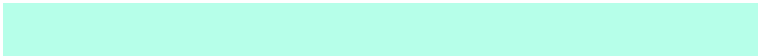
Harmonies

Analogous

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



72.2273, 87.3483, 72.7662



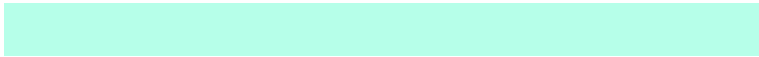
69.7594, 87.3483, 90.2740



70.6737, 87.3483, 111.8481

Triad

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



69.7594, 87.3483, 90.2740



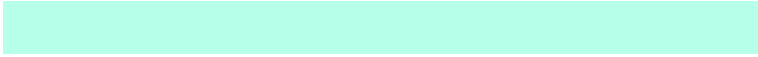
88.6782, 87.3483, 137.4691



91.8224, 87.3483, 66.2779

Complementary

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



69.7594, 87.3483, 90.2740



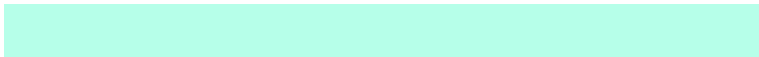
68.8677, 59.0766, 64.9004

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.



96.7308, 87.3483, 80.1266



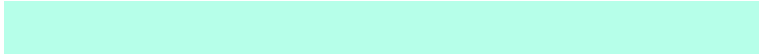
69.7594, 87.3483, 90.2740



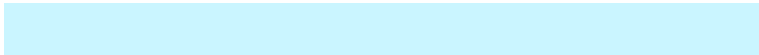
94.8419, 87.3483, 121.6090

Square

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



69.7594, 87.3483, 90.2740



81.3166, 87.3483, 141.2460



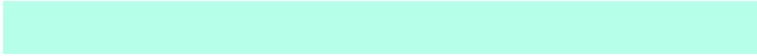
97.8671, 87.3483, 100.1104



84.7509, 87.3483, 60.3004

Rectangle

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



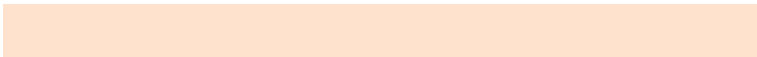
69.7594, 87.3483, 90.2740



73.1057, 87.3483, 125.5103



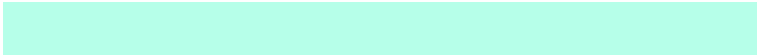
97.8671, 87.3483, 100.1104



93.7966, 87.3483, 70.0593

Sweetspot

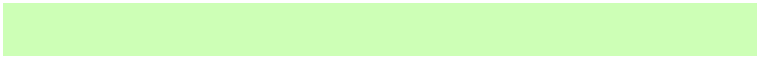
The Sweet Spot groups the original color and five complimentary colors.



69.7603, 87.3487, 90.2755



86.0112, 95.4667, 102.7688



69.4133, 87.8935, 57.5641



18.1177, 20.2874, 21.7897



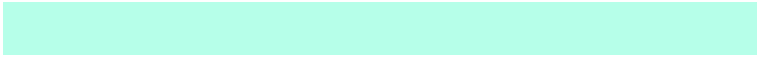
0.0000, 0.0000, 0.0000



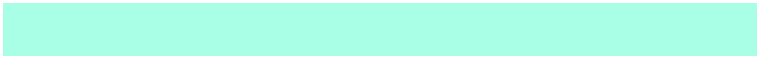
20.3446, 21.4041, 23.3091

Same Dimension

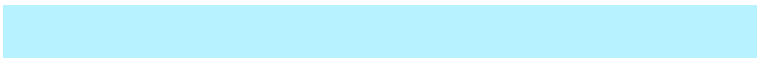
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7603, 87.3487, 90.2755



66.0975, 85.5278, 87.0603



68.9803, 80.4420, 106.4990



18.3080, 20.3827, 21.9248



22.9617, 39.0813, 28.7473



2.2841, 3.8246, 3.0541

Inverse Universe

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



68.8677, 59.0766, 64.9004



65.0838, 53.2904, 58.1468



69.2854, 63.8407, 52.9281



18.2347, 18.0772, 19.8528



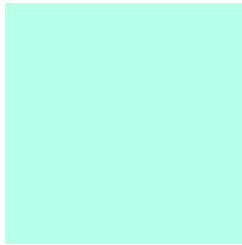
22.3032, 11.4106, 4.9813



2.2175, 1.1294, 0.7267

Previews

White Background



This preview shows how the XYZ color 69.7594, 87.3483, 90.2740 looks on a white background.

Color Contrast Check

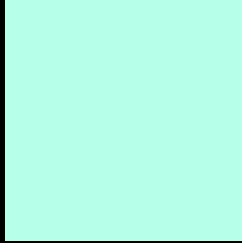
Large Text (above 18pt) WCAG AA × Fail

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 69.7594, 87.3483, 90.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

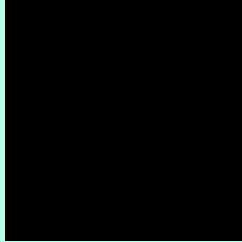
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

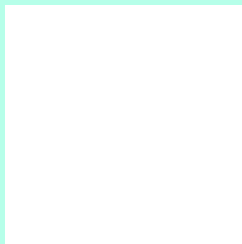
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7594, 87.3483, 90.2740

Background



This preview shows how black text looks on a background with the XYZ color 69.7594, 87.3483, 90.2740.



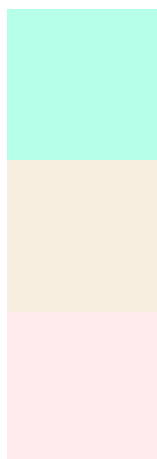
This preview shows how white text looks on a background with the XYZ color 69.7594, 87.3483,

90.2740.

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

69.7594, 87.3483, 90.2740

Protanopia

82.3869, 86.3050, 82.8373

Deuteranopia

86.0954, 86.2787, 93.0047



Tritanopia

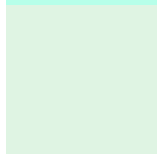
79.0213, 87.1237, 107.2594

Trichromacy



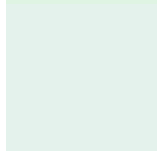
Original Color

69.7594, 87.3483, 90.2740



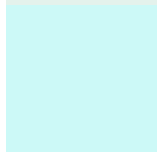
Protanomaly

76.6472, 85.9354, 85.2205



Deuteranomaly

78.8874, 86.0544, 91.8092



Tritanomaly

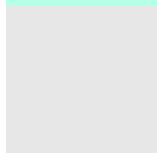
75.5660, 87.3041, 100.8643

Monochromacy



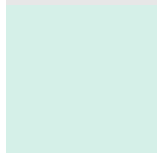
Original Color

69.7594, 87.3483, 90.2740



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.1661, 82.2925, 88.3717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7594, 87.3483, 90.2740 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, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 233)  
}
```

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, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.7594, 87.3483, 90.2740 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, 255, 233) }
```


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

```
.border{ border-color:rgb(182, 255, 233) }
```

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

Here you see how a box with a 4 pixel rgb(182, 255, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7594, 87.3483, 90.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 233) }
```

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

```
.background{ background-color: rgb(182,  
255, 233) }
```

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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