

Converting Colors

XYZ(70.2569, 85.3893,
107.3866)

Have a look what the booklet for
XYZ(70.2569, 85.3893, 107.3866)
contains.

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Color

**XYZ(70.2264, 85.3283,
107.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	AFFBFF
RGB	175, 251, 255
RGB Percent	69%, 98%, 100%
CMY	0.3137, 0.0157, 0.0000
CMYK	0.31, 0.02, 0.00, 0.00
HSL	183°, 100%, 84%
HSV	183°, 31%, 100%
XYZ	70.2264, 85.3283, 107.3764
YIQ	228.7320, -46.5800, -14.8680

Conversions

Conversions Part 2

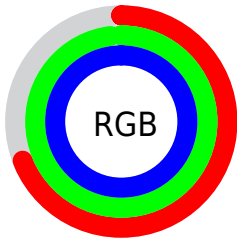
Format	Color
RYB	175, 214, 255
Decimal	11533311
CIELab	94.02, -22.22, -9.38
CIELCh	94, 24.120, 202.875
Yxy	85.3283, 0.2671, 0.3245
Android (android.graphics.Color)	4289723391 (0xFFAFFBFF)
YUV	228.7320, 12.9501, -47.1230
Hunter-Lab	92.3733, -25.9495, -4.2584

Details

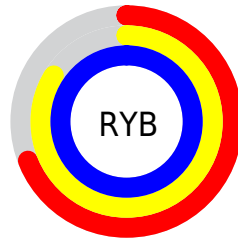
The XYZ color **70.2264, 85.3283, 107.3764** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **65.0982, 56.5952, 48.0523**, and the grayscale version is **74.2136, 78.0785, 85.0274**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **37.0926, 46.5827, 60.4625** is the 20% darker color. If you saturate the color by 10%, you get **64.6386, 81.8612, 107.0017**, and if you desaturate by 10%, it is **76.9020, 89.3645, 107.8036**.

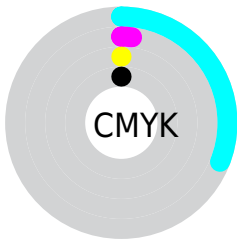
Distribution



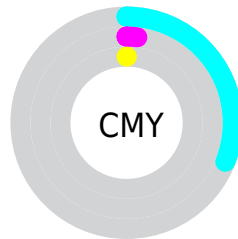
- Red (69%)
- Green (98%)
- Blue (100%)



- Red (69%)
- Yellow (84%)
- Blue (100%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2264, 85.3283, 107.3764 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 70.2264, 85.3283, 107.3764 by changing the saturation by 10% instead.

70.2264, 85.3283,
107.3764

70.2264, 85.3283,
107.3764

450.5986,
512.7138, 605.0395

51.9914, 64.1127,
81.8239

118.5561,
140.8318, 173.3977

37.2225, 46.7419,
60.6854

149.3814,
175.8884, 214.7035

25.5542, 32.8317,
43.5424

185.1343,
216.3275, 262.0975

16.6214, 21.9975,
29.9764

226.1800,
262.5335, 315.9983

10.0585, 13.8551,
19.5688

272.8840,
314.8907, 376.8243

5.5004, 8.0200,
11.9010

325.6115,

2.5815, 4.1077,

373.7835, 444.9942

6.5546

384.7279,
439.5964, 520.9264

■ 0.9365, 1.7340,
3.1110

■ 0.0000, 0.4455,
1.1516

■ 70.2264, 85.3283,
107.3764

■ 70.2264, 85.3283,
107.3764

■ 64.6386, 81.8612,
107.0017

■ 76.9020, 89.3645,
107.8036

■ 60.0709, 78.9217,
106.6751

■ 84.7150, 93.9888,
108.2844

■ 56.4585, 76.4787,
106.3939

■ 93.7197, 99.2316,
108.8218

■ 53.7264, 74.4935,
106.1547

■ 95.0500, 100.0000,
108.9000

■ 51.7882, 72.9214,
105.9535

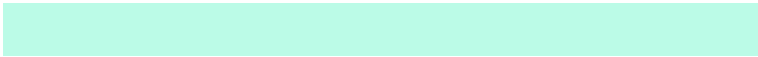
■ 50.5403, 71.7092,
105.7853

■ 49.8807, 70.8814,
105.6602

Harmonies

Analogous

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



69.4321, 85.3283, 88.5810



70.2264, 85.3283, 107.3764



73.8600, 85.3283, 124.1267

Triad

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



70.2264, 85.3283, 107.3764



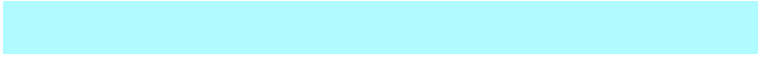
91.3741, 85.3283, 115.9819



82.6466, 85.3283, 61.9918

Complementary

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



70.2264, 85.3283, 107.3764



65.0982, 56.5952, 48.0523

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.



88.8025, 85.3283, 67.4188



70.2264, 85.3283, 107.3764



94.0113, 85.3283, 97.3737

Square

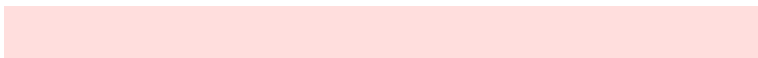
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2264, 85.3283, 107.3764



86.0080, 85.3283, 129.5359



93.0461, 85.3283, 79.8014



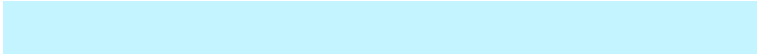
76.3862, 85.3283, 63.9309

Rectangle

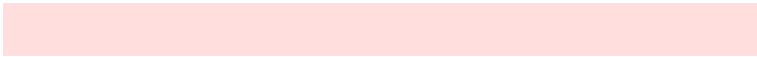
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2264, 85.3283, 107.3764



77.5124, 85.3283, 131.0592



93.0461, 85.3283, 79.8014



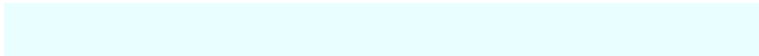
84.8007, 85.3283, 62.9879

Sweetspot

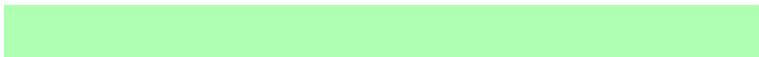
The Sweet Spot groups the original color and five complimentary colors.



70.2287, 85.3316, 107.3769



86.7404, 95.1750, 108.4066



61.4429, 83.8355, 54.8897



18.2983, 20.2147, 23.1874



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

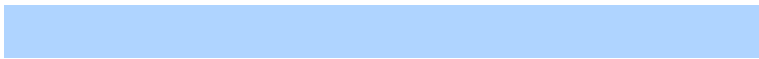
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2287, 85.3316, 107.3769



66.4057, 82.9701, 107.1226



59.3575, 63.5892, 103.7532



18.4726, 20.3167, 23.1979



26.0977, 37.1049, 55.2211



2.5640, 3.6587, 5.3843

Inverse Universe

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



73.9840, 58.8868, 98.7374



70.7644, 52.6600, 97.0090



73.9637, 74.3263, 51.0075



18.7512, 18.2838, 22.5728



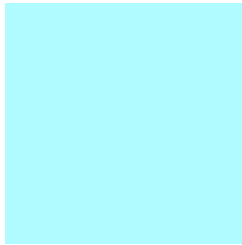
29.9611, 14.4737, 45.3070



2.9288, 1.4139, 4.4724

Previews

White Background



This preview shows how the XYZ color 70.2264, 85.3283, 107.3764 looks on a white background.

Color Contrast Check

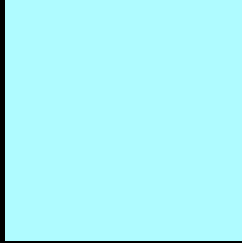
Large Text (above 18pt) WCAG AA × Fail

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 70.2264, 85.3283, 107.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

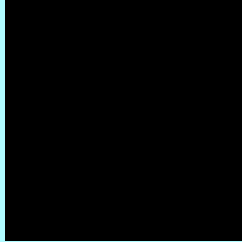
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

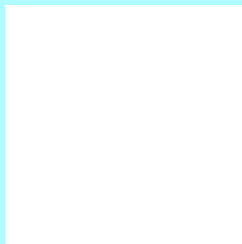
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2264, 85.3283, 107.3764

Background



This preview shows how black text looks on a background with the XYZ color 70.2264, 85.3283, 107.3764.

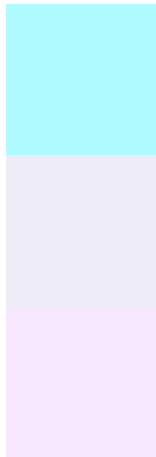


This preview shows how white text looks on a background with the XYZ color 70.2264, 85.3283,

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

70.2264, 85.3283, 107.3764

Protanopia

81.8899, 84.8219, 99.2450

Deuteranopia

85.2644, 84.7074, 106.4640



Tritanopia

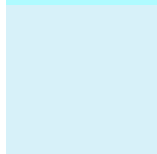
76.1328, 85.1868, 107.0378

Trichromacy



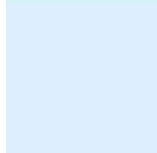
Original Color

70.2264, 85.3283, 107.3764



Protanomaly

76.5785, 84.1972, 101.8381



Deuteranomaly

78.7353, 84.3252, 106.7343



Tritanomaly

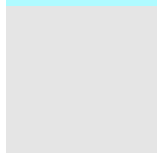
73.8164, 85.3436, 107.1902

Monochromacy



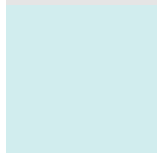
Original Color

70.2264, 85.3283, 107.3764



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.0113, 80.2967, 92.5923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2264, 85.3283, 107.3764 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(175, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 251, 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(175, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.2264, 85.3283, 107.3764 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(175, 251, 255) }
```


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

```
.border{ border-color:rgb(175, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2264, 85.3283, 107.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 251, 255) }
```

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

```
.background{ background-color: rgb(175,  
251, 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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