

Converting Colors

XYZ(82.9449, 91.3694,
157.8617)

Have a look what the booklet for
XYZ(82.9449, 91.3694, 157.8617)
contains.

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Color

**XYZ(73.3539, 87.4056,
107.6125)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFCFF
RGB	187, 252, 255
RGB Percent	73%, 99%, 100%
CMY	0.2667, 0.0117, 0.0000
CMYK	0.27, 0.01, 0.00, 0.00
HSL	183°, 100%, 87%
HSV	183°, 27%, 100%
XYZ	73.3539, 87.4056, 107.6125
YIQ	232.9070, -39.7030, -12.8470

Conversions

Conversions Part 2

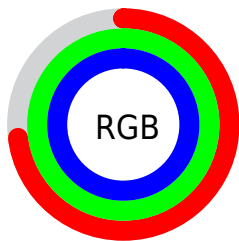
Format	Color
R _Y B	187, 220, 255
Decimal	12319999
CIE Lab	94.91, -19.43, -7.99
CIE LCh	95, 21.009, 202.367
Yxy	87.4056, 0.2733, 0.3257
Android (android.graphics.Color)	4290510079 (0xFFBBFCFF)
YUV	232.9070, 10.8918, -40.2604
Hunter-Lab	93.4910, -23.5564, -2.8019

Details

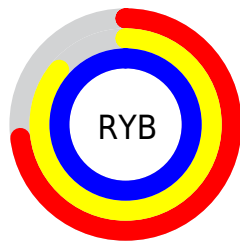
The XYZ color **73.3539, 87.4056, 107.6125** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.6231, 61.6742, 55.3030**, and the grayscale version is **77.3261, 81.3531, 88.5936**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **39.2239, 48.0130, 60.6262** is the 20% darker color. If you saturate the color by 10%, you get **67.3097, 83.7698, 107.2293**, and if you desaturate by 10%, it is **80.5124, 91.6234, 108.0494**.

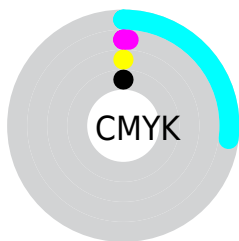
Distribution



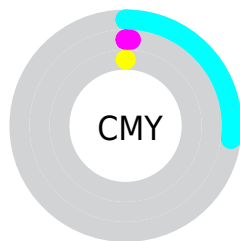
- Red (73%)
- Green (99%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3539, 87.4056, 107.6125 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 73.3539, 87.4056, 107.6125 by changing the saturation by 10% instead.

 73.3539, 87.4056,
107.6125

 73.3539, 87.4056,
107.6125


461.3253,
519.5547, 605.7869

 54.5548, 65.8309,
82.0209


 122.9799,
143.7293, 173.7226

 39.2778, 48.1352,
60.8468


154.5375,
179.2472, 215.0782

 27.1576, 33.9339,
43.6718


191.0787,
220.1815, 262.5255

 17.8288, 22.8428,
30.0773

232.9688,
266.9168, 316.4831

 10.9261, 14.4775,
19.6447

280.5731,
319.8373, 377.3694

 6.0841, 8.4535,
11.9555

334.2571,

 2.9374, 4.3865,

379.3276, 445.6032

6.5912

394.3860,
445.7719, 521.6028

■ 1.1208, 1.8920,
3.1333

■ 0.0424, 0.5436,
1.1631

■ 73.3539, 87.4056,
107.6125

■ 73.3539, 87.4056,
107.6125

■ 67.3097, 83.7698,
107.2293

■ 80.5124, 91.6234,
108.0494

■ 62.3144, 80.6756,
106.8954

■ 88.8326, 96.4409,
108.5407

■ 58.3062, 78.0933,
106.6082

95.0500, 100.0000,
108.9000

■ 55.2141, 75.9864,
106.3645

■ 52.9577, 74.3134,
106.1605

■ 51.4425, 73.0256,
105.9918

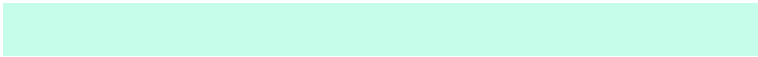
■ 50.5499, 72.0618,
105.8528

■ 50.3308, 71.7815,
105.8103

Harmonies

Analogous

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



72.6868, 87.4056, 91.0641



73.3539, 87.4056, 107.6125



76.5666, 87.4056, 122.2350

Triad

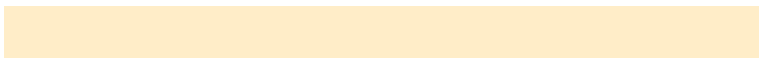
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3539, 87.4056, 107.6125



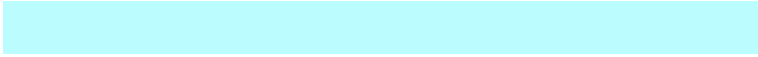
92.0556, 87.4056, 115.6362



84.5396, 87.4056, 67.3429

Complementary

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



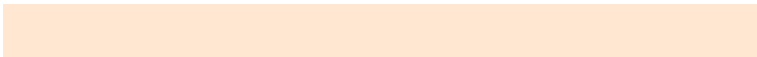
73.3539, 87.4056, 107.6125



68.6231, 61.6742, 55.3030

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.



89.9451, 87.4056, 72.4274



73.3539, 87.4056, 107.6125



94.4116, 87.4056, 99.3972

Square

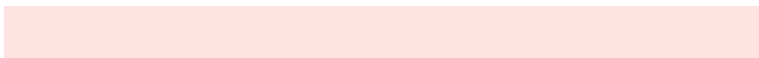
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3539, 87.4056, 107.6125



87.3144, 87.4056, 127.2242



93.6221, 87.4056, 83.7253



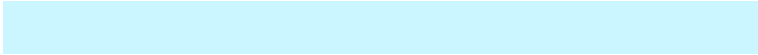
78.9778, 87.4056, 69.0098

Rectangle

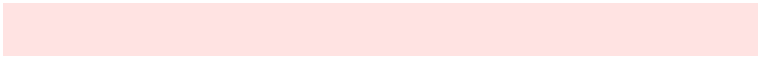
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3539, 87.4056, 107.6125



79.8027, 87.4056, 128.3027



93.6221, 87.4056, 83.7253



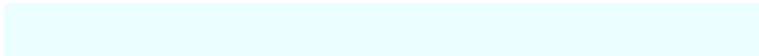
86.4384, 87.4056, 68.2969

Sweetspot

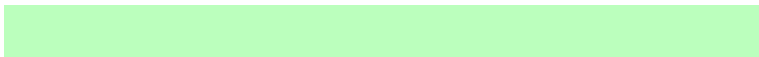
The Sweet Spot groups the original color and five complimentary colors.



73.3562, 87.4090, 107.6131



87.6530, 95.7622, 108.4719



65.4689, 85.7710, 61.4026



18.4823, 20.3361, 23.2011



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

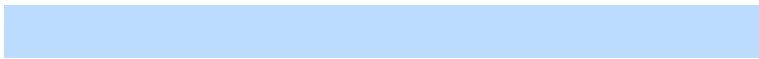
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3562, 87.4090, 107.6131



69.9962, 85.3980, 107.4020



63.8067, 68.3101, 104.4299



18.4823, 20.3361, 23.2011



26.3291, 37.5677, 55.2982



2.5840, 3.6986, 5.3910

Inverse Universe

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



76.5824, 63.8306, 100.3837



73.7370, 58.2914, 98.9674



76.6694, 77.7667, 57.9850



18.7561, 18.2857, 22.5986



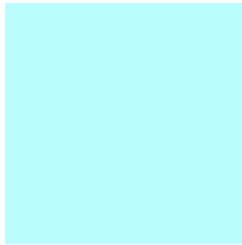
30.0779, 14.5204, 45.9221



2.9389, 1.4179, 4.5255

Previews

White Background



This preview shows how the XYZ color 73.3539, 87.4056, 107.6125 looks on a white background.

Color Contrast Check

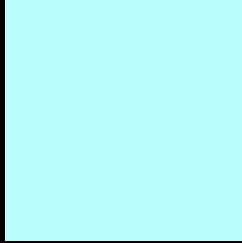
Large Text (above 18pt) WCAG AA × Fail

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 73.3539, 87.4056, 107.6125 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 73.3539, 87.4056, 107.6125

Background



This preview shows how black text looks on a background with the XYZ color 73.3539, 87.4056, 107.6125.



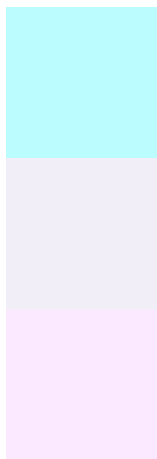
This preview shows how white text looks on a background with the XYZ color 73.3539, 87.4056,

107.6125.

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

73.3539, 87.4056, 107.6125

Protanopia

83.9810, 86.7417, 100.3122

Deuteranopia

87.2565, 86.5749, 106.7195



Tritanopia

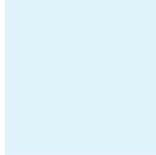
79.3177, 87.2765, 107.2733

Trichromacy



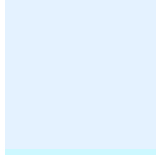
Original Color

73.3539, 87.4056, 107.6125



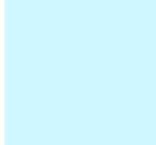
Protanomaly

79.4301, 86.5329, 102.9586



Deuteranomaly

81.5002, 86.6246, 107.0324



Tritanomaly

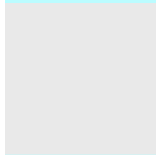
77.0710, 87.4766, 107.4303

Monochromacy



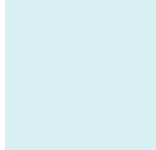
Original Color

73.3539, 87.4056, 107.6125



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.3562, 83.2700, 95.3201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3539, 87.4056, 107.6125 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(187, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.3539, 87.4056, 107.6125 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(187, 252, 255) }
```


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

```
.border{ border-color:rgb(187, 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(187, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3539, 87.4056, 107.6125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 252, 255) }
```

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

```
.background{ background-color: rgb(187,  
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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