

Converting Colors

XYZ(69.1467, 84.6115, 93.5762)

Have a look what the booklet for
XYZ(69.1467, 84.6115, 93.5762)
contains.

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Color

**XYZ(69.1467, 84.6115,
93.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FAEE
RGB	183, 250, 238
RGB Percent	72%, 98%, 93%
CMY	0.2823, 0.0196, 0.0667
CMYK	0.27, 0.00, 0.05, 0.02
HSL	169°, 87%, 85%
HSV	169°, 27%, 98%
XYZ	69.1467, 84.6115, 93.5762
YIQ	228.5990, -36.0800, -17.9360

Conversions

Conversions Part 2

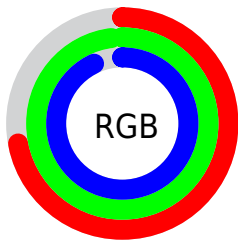
Format	Color
R_{YB}	183, 220, 250
Decimal	12057326
CIE _{Lab}	93.72, -23.22, -0.99
CIE _{LCh}	94, 23.241, 182.432
Yxy	84.6115, 0.2796, 0.3421
Android (android.graphics.Color)	4290247406 (0xFFB7FAEE)
YUV	228.5990, 4.6347, -39.9903
Hunter-Lab	91.9845, -26.7907, 4.0732

Details

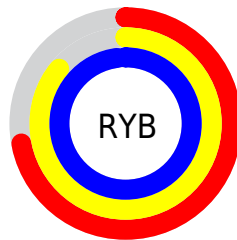
The XYZ color **69.1467, 84.6115, 93.5762** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.2111, 58.1335, 59.3644**, and the grayscale version is **74.1696, 78.0322, 84.9771**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **36.4155, 46.1065, 51.2361** is the 20% darker color. If you saturate the color by 10%, you get **63.0710, 81.5566, 89.9011**, and if you desaturate by 10%, it is **76.2998, 88.2243, 97.3908**.

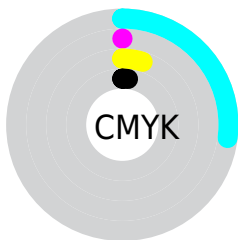
Distribution



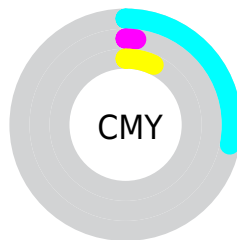
- Red (72%)
- Green (98%)
- Blue (93%)



- Red (72%)
- Yellow (86%)
- Blue (98%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (28%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1467, 84.6115, 93.5762 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 69.1467, 84.6115, 93.5762 by changing the saturation by 10% instead.

69.1467, 84.6115,
93.5762

69.1467, 84.6115,
93.5762

446.8615,
510.3417, 560.4642

51.1083, 63.5204,
70.3602

117.0240,
139.8303, 154.2747

36.5162, 46.2624,
51.3416

147.5936,
174.7267, 192.5943

25.0051, 32.4529,
36.1019

183.0709,
214.9938, 236.7854

16.2096, 21.7077,
24.2226

223.8214,
261.0158, 287.2668

9.7644, 13.6423,
15.2851

270.2103,
313.1772, 344.4567

5.3041, 7.8723,
8.8709

322.6031,

2.4633, 4.0133,

371.8624, 408.7740

4.5614

381.3650,
437.4558, 480.6369

■ 0.8768, 1.6810,
1.9381

■ 0.0000, 0.4113,
0.5168

■ 69.1467, 84.6115,
93.5762

■ 69.1467, 84.6115,
93.5762

■ 63.0710, 81.5566,
89.9011

■ 76.2998, 88.2243,
97.3908

■ 58.0093, 79.0205,
86.3564

■ 84.5748, 92.4113,
101.3422

■ 53.9031, 76.9750,
82.9407

■ 92.9088, 96.6268,
105.3831

■ 50.6843, 75.3851,
79.6502

■ 93.4771, 96.8541,
108.3757

■ 48.2761, 74.2113,
76.4806

■ 46.5885, 73.4071,
73.4270

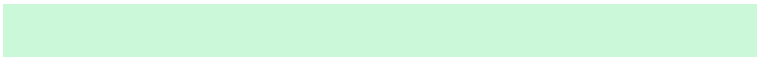
■ 45.5071, 72.9137,
70.4835

■ 45.2329, 72.7925,
69.5621

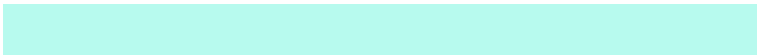
Harmonies

Analogous

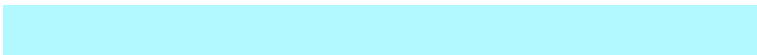
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3613, 84.6115, 77.2890



69.1467, 84.6115, 93.5762



70.8226, 84.6115, 111.5651

Triad

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



69.1467, 84.6115, 93.5762



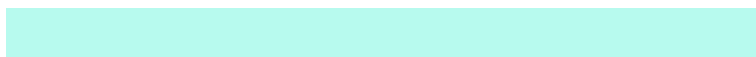
86.9486, 84.6115, 123.8629



86.0337, 84.6115, 65.1853

Complementary

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



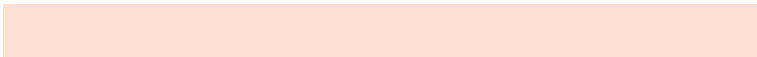
69.1467, 84.6115, 93.5762



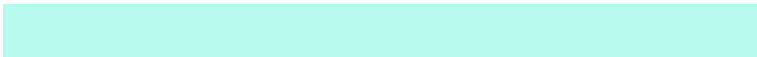
66.2111, 58.1335, 59.3644

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.



90.8490, 84.6115, 75.0899



69.1467, 84.6115, 93.5762



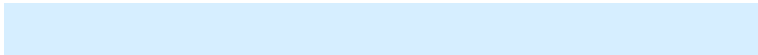
91.3959, 84.6115, 108.7532

Square

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



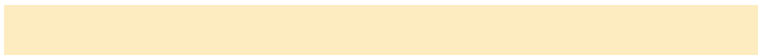
69.1467, 84.6115, 93.5762



80.9249, 84.6115, 130.3889



92.8580, 84.6115, 90.6939



79.9185, 84.6115, 62.1952

Rectangle

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



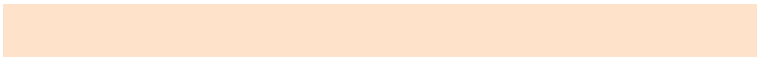
69.1467, 84.6115, 93.5762



73.4061, 84.6115, 121.7493



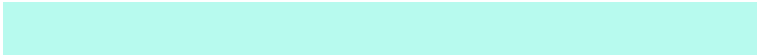
92.8580, 84.6115, 90.6939



87.8685, 84.6115, 67.7481

Sweetspot

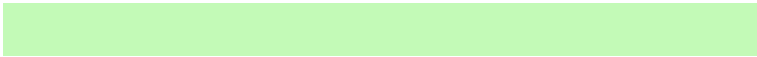
The Sweet Spot groups the original color and five complimentary colors.



69.1491, 84.6149, 93.5781



87.3561, 96.1010, 105.4978



65.3145, 83.4335, 57.4632



18.4070, 20.4223, 22.4462



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

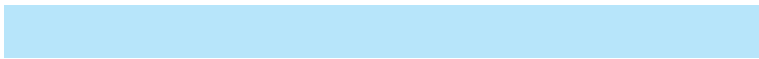
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1491, 84.6149, 93.5781



68.8672, 86.7639, 95.8533



64.7458, 72.8912, 101.1033



17.6245, 19.5521, 21.4894



24.0408, 38.6293, 37.1536



2.2603, 3.5912, 3.6185

Inverse Universe

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



66.2111, 58.1335, 59.3644



65.3394, 54.9324, 54.7464



69.6188, 67.0344, 54.0710



17.3715, 17.2760, 18.5463



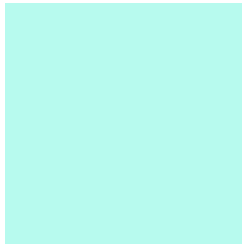
21.1978, 10.8949, 2.4843



1.9970, 1.0225, 0.4076

Previews

White Background



This preview shows how the XYZ color 69.1467, 84.6115, 93.5762 looks on a white background.

Color Contrast Check

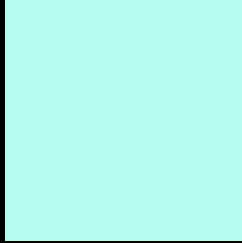
Large Text (above 18pt) WCAG AA × Fail

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 69.1467, 84.6115, 93.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

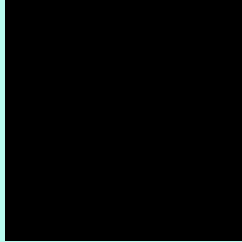
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

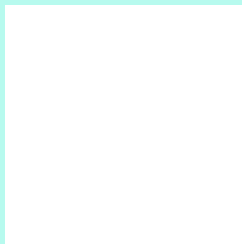
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1467, 84.6115, 93.5762

Background



This preview shows how black text looks on a background with the XYZ color 69.1467, 84.6115, 93.5762.

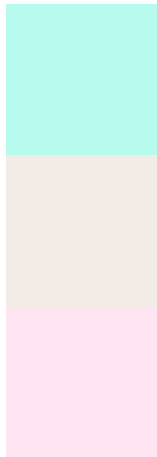


This preview shows how white text looks on a background with the XYZ color 69.1467, 84.6115,

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

69.1467, 84.6115, 93.5762

Protanopia

80.6092, 84.0071, 86.8293

Deuteranopia

85.2863, 83.7094, 95.6669



Tritanopia

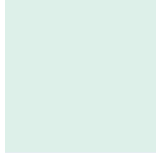
75.8146, 84.1342, 106.8514

Trichromacy



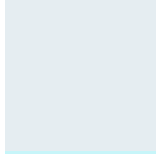
Original Color

69.1467, 84.6115, 93.5762



Protanomaly

75.6869, 83.5755, 89.2334



Deuteranomaly

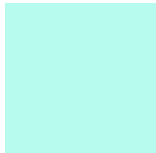
78.4745, 83.5773, 95.2151



Tritanomaly

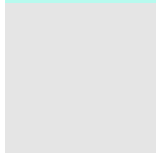
73.3045, 84.2865, 102.0279

Monochromacy



Original Color

69.1467, 84.6115, 93.5762



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.0011, 80.3916, 88.0662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1467, 84.6115, 93.5762 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(183, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(183, 250, 238)  
}
```

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(183, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 250, 238) }
```

Border

The CSS property to change the border of an element to XYZ 69.1467, 84.6115, 93.5762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

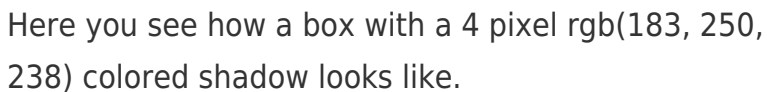
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 250, 238) }
```


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

```
.border{ border-color:rgb(183, 250, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 250, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 250, 238); box-shadow:4px 4px 4px 4px rgb(183, 250, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1467, 84.6115, 93.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 250, 238) }
```

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

```
.background{ background-color: rgb(183,  
250, 238) }
```

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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