

Converting Colors

XYZ(65.3648, 76.3034, 93.1178)

Have a look what the booklet for
XYZ(65.3648, 76.3034, 93.1178)
contains.

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Color

**XYZ(65.3426, 76.4132,
92.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ECEF
RGB	184, 236, 239
RGB Percent	72%, 93%, 94%
CMY	0.2784, 0.0745, 0.0627
CMYK	0.23, 0.01, 0.00, 0.06
HSL	183°, 63%, 83%
HSV	183°, 23%, 94%
XYZ	65.3426, 76.4132, 92.9667
YIQ	220.7940, -31.9550, -10.0910

Conversions

Conversions Part 2

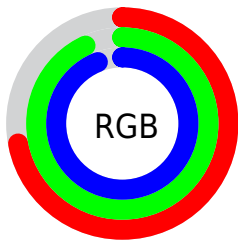
Format	Color
RYB	184, 211, 239
Decimal	12119279
CIELab	90.05, -15.83, -6.89
CIELCh	90, 17.262, 203.528
Yxy	76.4132, 0.2784, 0.3255
Android (android.graphics.Color)	4290309359 (0xFFB8ECEF)
YUV	220.7940, 8.9756, -32.2683
Hunter-Lab	87.4146, -19.5466, -1.8655

Details

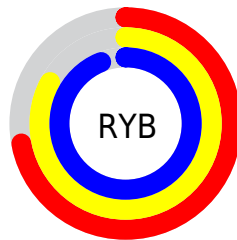
The XYZ color **65.3426, 76.4132, 92.9667** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0195, 57.3525, 53.1503**, and the grayscale version is **68.5397, 72.1091, 78.5268**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.0744, 40.8072, 50.8804** is the 20% darker color. If you saturate the color by 10%, you get **59.7211, 72.9625, 92.5982**, and if you desaturate by 10%, it is **71.9385, 80.3742, 93.3849**.

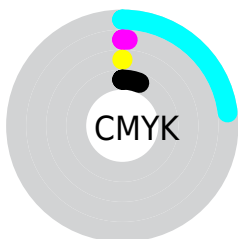
Distribution



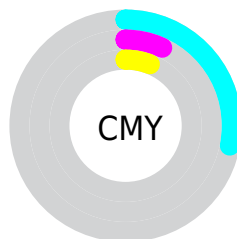
- Red (72%)
- Green (93%)
- Blue (94%)



- Red (72%)
- Yellow (83%)
- Blue (94%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3426, 76.4132, 92.9667 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 65.3426, 76.4132, 92.9667 by changing the saturation by 10% instead.

65.3426, 76.4132,
92.9667

65.3426, 76.4132,
92.9667

433.5479,
482.7610, 558.4521

48.0047, 56.7714,
69.8563

111.6052,
128.3108, 153.4238

34.0418, 40.8217,
50.9333

141.2607,
161.3354, 191.6076

23.0888, 28.1798,
35.7792

175.7526,
199.5897, 235.6530

14.7801, 18.4612,
23.9754

215.4465,
243.4582, 285.9785

8.7505, 11.2816,
15.1033

260.7075,
293.3251, 343.0026

4.6346, 6.2566,
8.7445

311.9012,

2.0671, 3.0017,

349.5750, 407.1438

4.4804

369.3929,
412.5921, 478.8208

■ 0.6712, 1.1326,
1.8924

■ 0.0000, 0.0056,
0.4879

■ 65.3426, 76.4132,
92.9667

■ 65.3426, 76.4132,
92.9667

■ 59.7211, 72.9625,
92.5982

■ 71.9385, 80.3742,
93.3849

■ 55.0187, 69.9877,
92.2718


■ 79.5473, 84.8595,
93.8496


■ 51.1849, 67.4647,
91.9869


■ 87.9544, 89.7604,
94.3524


■ 48.1614, 65.3635,
91.7407

■ 88.3390, 90.5296,
94.4806


 45.8831, 63.6505,
91.5301


 88.7264, 91.3044,
94.6098


 44.2746, 62.2867,
91.3517


 89.1165, 92.0847,
94.7398

 43.2444, 61.2252,
91.2011

 89.5094, 92.8705,
94.8708

 42.7704, 60.6125,
91.1078

 89.9051, 93.6618,
95.0027

 90.3036, 94.4588,
95.1355

Harmonies

Analogous

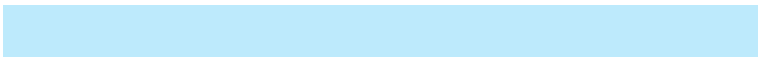
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.7558, 76.4132, 80.5728



65.3426, 76.4132, 92.9667



67.8464, 76.4132, 103.6252

Triad

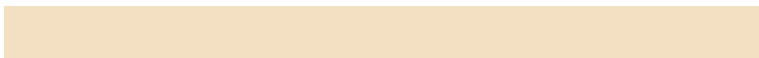
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3426, 76.4132, 92.9667



79.4480, 76.4132, 98.0094



73.5599, 76.4132, 61.9144

Complementary

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



65.3426, 76.4132, 92.9667



62.0195, 57.3525, 53.1503

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.



77.6301, 76.4132, 65.6539



65.3426, 76.4132, 92.9667



81.1147, 76.4132, 85.8857

Square

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



65.3426, 76.4132, 92.9667



75.9628, 76.4132, 106.7307



80.4367, 76.4132, 74.1443



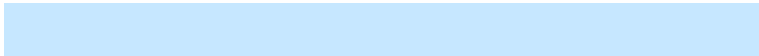
69.3932, 76.4132, 63.4116

Rectangle

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



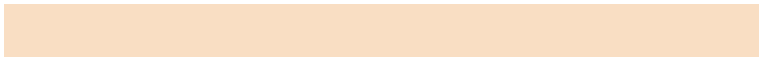
65.3426, 76.4132, 92.9667



70.3203, 76.4132, 107.9059



80.4367, 76.4132, 74.1443



74.9866, 76.4132, 62.5877

Sweetspot

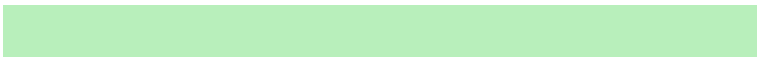
The Sweet Spot groups the original color and five complimentary colors.



65.3448, 76.4163, 92.9684



88.4756, 96.1513, 108.5036



59.5780, 75.5020, 58.3083



18.8221, 20.5124, 23.2172



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.



65.3448, 76.4163, 92.9684



72.2527, 86.4236, 107.4810



58.0878, 61.9023, 90.5494



16.1693, 17.7727, 20.2999



23.6677, 33.5597, 50.3581



1.9913, 2.8366, 4.1968

Inverse Universe

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



67.8792, 58.6896, 87.1109



75.7273, 62.3469, 99.3999



68.3596, 70.0327, 55.2637



16.4149, 16.0157, 19.7410



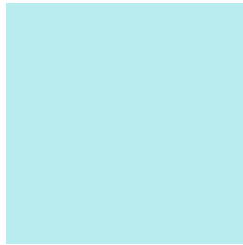
27.2720, 13.1812, 40.9444



2.2801, 1.1011, 3.4657

Previews

White Background



This preview shows how the XYZ color 65.3426, 76.4132, 92.9667 looks on a white background.

Color Contrast Check

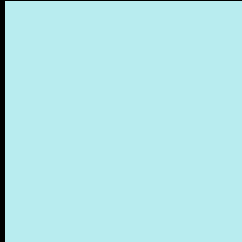
Large Text (above 18pt) WCAG AA × Fail

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 65.3426, 76.4132, 92.9667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

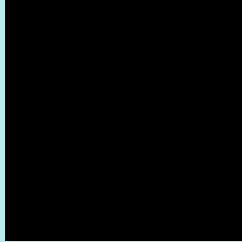
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3426, 76.4132, 92.9667

Background



This preview shows how black text looks on a background with the XYZ color 65.3426, 76.4132, 92.9667.



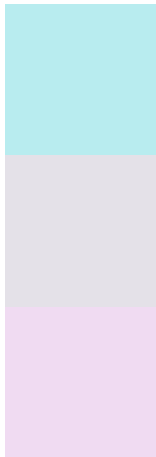
This preview shows how white text looks on a background with the XYZ color 65.3426, 76.4132,

92.9667.

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

65.3426, 76.4132, 92.9667

Protanopia

73.4856, 76.1706, 87.1732

Deuteranopia

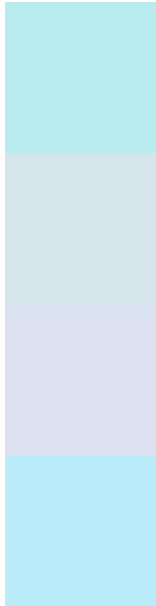
77.2937, 75.5991, 94.5227



Tritanopia

67.6460, 76.5023, 104.1296

Trichromacy



Original Color

65.3426, 76.4132, 92.9667

Protanomaly

70.1661, 76.0338, 89.5751

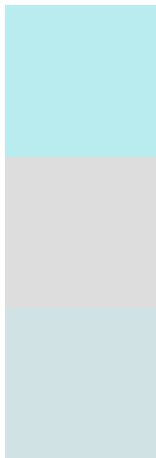
Deuteranomaly

72.3176, 75.4169, 93.9645

Tritanomaly

66.9013, 76.6331, 100.0725

Monochromacy



Original Color

65.3426, 76.4132, 92.9667

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.2124, 73.4040, 84.0247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3426, 76.4132, 92.9667 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, 236, 239)` looks like.

```
.text, #text, p{  
    color:rgb(184, 236, 239)  
}
```

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, 236, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 236, 239) }
```

Border

The CSS property to change the border of an element to XYZ 65.3426, 76.4132, 92.9667 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, 236, 239) }
```


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

```
.border{ border-color:rgb(184, 236, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 236, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 236, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 236, 239);  
box-shadow:4px 4px 4px 4px rgb(184, 236,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3426, 76.4132, 92.9667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 236, 239) }
```

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

```
.background{ background-color: rgb(184,  
236, 239) }
```

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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