

Converting Colors

XYZ(66.9441, 79.6382, 93.0803)

Have a look what the booklet for
XYZ(66.9441, 79.6382, 93.0803)
contains.

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Color

**XYZ(66.9519, 79.8677,
92.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F2EE
RGB	184, 242, 238
RGB Percent	72%, 95%, 93%
CMY	0.2784, 0.0510, 0.0667
CMYK	0.24, 0.00, 0.02, 0.05
HSL	176°, 69%, 84%
HSV	176°, 24%, 95%
XYZ	66.9519, 79.8677, 92.7762
YIQ	224.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

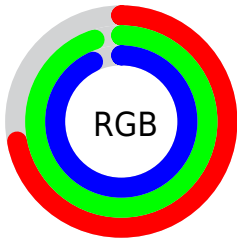
Format	Color
RYB	184, 214, 242
Decimal	12120814
CIELab	91.63, -19.02, -4.05
CIElCh	92, 19.447, 192.010
Yxy	79.8677, 0.2794, 0.3333
Android (android.graphics.Color)	4290310894 (0xFFB8F2EE)
YUV	224.2020, 6.8024, -35.2572
Hunter-Lab	89.3687, -22.6694, 1.0075

Details

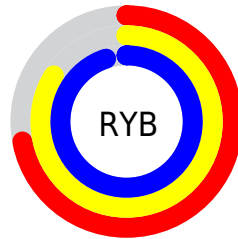
The XYZ color **66.9519, 79.8677, 92.7762** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.8383, 56.7912, 55.2300**, and the grayscale version is **70.9677, 74.6636, 81.3087**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **35.0557, 43.1623, 50.7395** is the 20% darker color. If you saturate the color by 10%, you get **61.3998, 77.0358, 91.2429**, and if you desaturate by 10%, it is **73.5026, 83.2183, 94.3715**.

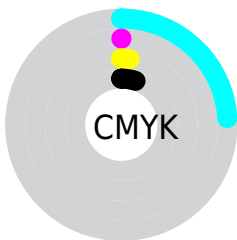
Distribution



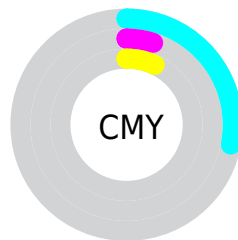
- Red (72%)
- Green (95%)
- Blue (93%)



- Red (72%)
- Yellow (84%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (28%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9519, 79.8677, 92.7762 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 66.9519, 79.8677, 92.7762 by changing the saturation by 10% instead.

66.9519, 79.8677,
92.7762

66.9519, 79.8677,
92.7762

439.2087,
494.4869, 557.8224

49.3161, 59.6095,
69.6989

113.9017,
133.1797, 153.1578

35.0859, 43.1039,
50.8058

143.9463,
167.0023, 191.2991

23.8958, 29.9667,
35.6784

178.8580,
206.1151, 235.2988

15.3807, 19.8133,
23.8982

219.0020,
250.9026, 285.5754

9.1751, 12.2594,
15.0466

264.7437,
301.7491, 342.5476

4.9136, 6.9206,
8.7051

316.4485,

2.2309, 3.4125,

359.0391, 406.6338

4.4552

374.4817,
423.1569, 478.2525

■ 0.7589, 1.3507,
1.8782

■ 0.0000, 0.1799,
0.4788

■ 66.9519, 79.8677,
92.7762

■ 66.9519, 79.8677,
92.7762

■ 61.3998, 77.0358,
91.2429

■ 73.5026, 83.2183,
94.3715

■ 56.7888, 74.6867,
89.7638


■ 81.0918, 87.1019,
96.0257

■ 53.0664, 72.7954,
88.3381


■ 89.1731, 91.2390,
97.7148


■ 50.1720, 71.3307,
86.9629


■ 89.4266, 91.3404,
99.0496


 48.0374, 70.2575,
85.6351


 89.6824, 91.4427,
100.3965


 46.5836, 69.5349,
84.3508


 89.9404, 91.5459,
101.7555

 45.7142, 69.1134,
83.1056

 90.2008, 91.6501,
103.1268

 45.3855, 68.9599,
82.3692

 90.4636, 91.7551,
104.5102

 90.7286, 91.8612,
105.9059

Harmonies

Analogous

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



67.1893, 79.8677, 78.7884



66.9519, 79.8677, 92.7762



69.0371, 79.8677, 106.5735

Triad

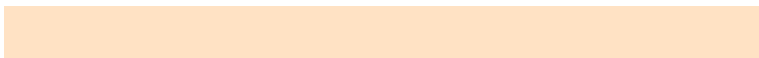
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9519, 79.8677, 92.7762



82.4818, 79.8677, 108.9002



78.8987, 79.8677, 63.4643

Complementary

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



66.9519, 79.8677, 92.7762



62.8383, 56.7912, 55.2300

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.



83.2285, 79.8677, 69.9179



66.9519, 79.8677, 92.7762



85.3585, 79.8677, 95.6830

Square

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



66.9519, 79.8677, 92.7762



77.9156, 79.8677, 116.5393



85.6375, 79.8677, 81.3966



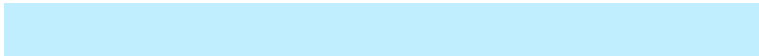
73.9427, 79.8677, 62.8678

Rectangle

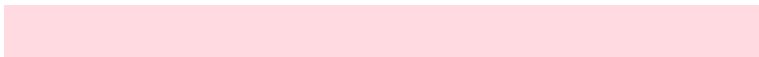
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.9519, 79.8677, 92.7762



71.5190, 79.8677, 113.4078



85.6375, 79.8677, 81.3966



80.4810, 79.8677, 64.9852

Sweetspot

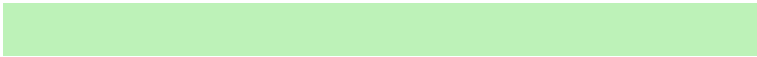
The Sweet Spot groups the original color and five complimentary colors.



66.9542, 79.8710, 92.7780



88.5874, 96.6913, 107.5655



61.3512, 77.7658, 57.1255



18.8481, 20.6379, 22.9992



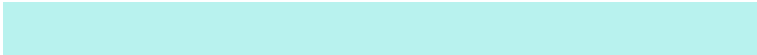
0.0000, 0.0000, 0.0000



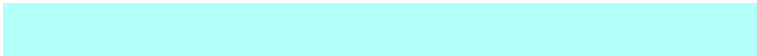
20.3446, 21.4041, 23.3091

Same Dimension

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



66.9542, 79.8710, 92.7780



72.0668, 88.2454, 103.5919



60.8247, 66.6602, 93.6691



16.1975, 17.9090, 20.0630



24.4014, 37.0526, 44.3581



2.0440, 3.0880, 3.7641

Inverse Universe

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



62.8383, 56.7912, 55.2300



66.6533, 57.8798, 54.1991



67.8690, 67.5337, 54.8070



15.8170, 15.7765, 16.5928



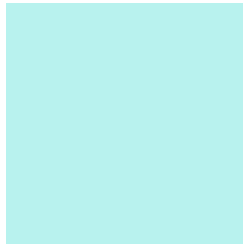
19.7420, 10.1692, 1.2921



1.6577, 0.8521, 0.1883

Previews

White Background



This preview shows how the XYZ color 66.9519, 79.8677, 92.7762 looks on a white background.

Color Contrast Check

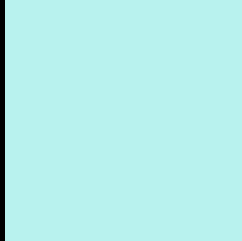
Large Text (above 18pt) WCAG AA × Fail

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 66.9519, 79.8677, 92.7762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

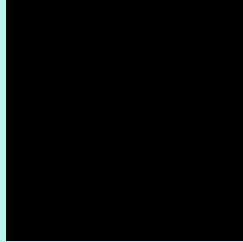
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9519, 79.8677, 92.7762

Background



This preview shows how black text looks on a background with the XYZ color 66.9519, 79.8677, 92.7762.



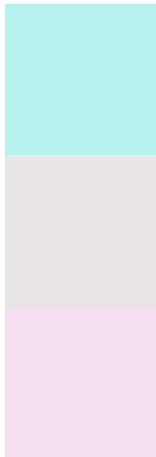
This preview shows how white text looks on a background with the XYZ color 66.9519, 79.8677,

92.7762.

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

66.9519, 79.8677, 92.7762

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

80.7725, 78.9603, 94.9881



Tritanopia

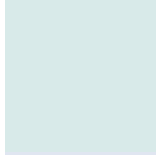
70.8727, 79.8384, 106.2827

Trichromacy



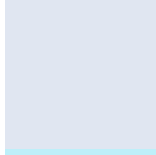
Original Color

66.9519, 79.8677, 92.7762



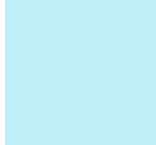
Protanomaly

72.4497, 79.3278, 88.5841



Deuteranomaly

74.9145, 78.7918, 94.4790



Tritanomaly

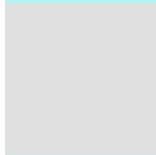
69.2006, 79.5197, 101.3241

Monochromacy



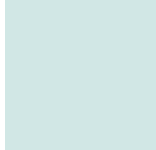
Original Color

66.9519, 79.8677, 92.7762



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

69.0133, 76.3643, 85.2311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9519, 79.8677, 92.7762 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, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(184, 242, 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(184, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 242, 238) }
```

Border

The CSS property to change the border of an element to XYZ 66.9519, 79.8677, 92.7762 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, 242, 238) }
```


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

```
.border{ border-color:rgb(184, 242, 238) }
```

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

Here you see how a box with a 4 pixel rgb(184, 242, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(184, 242,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9519, 79.8677, 92.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 242, 238) }
```

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

```
.background{ background-color: rgb(184,  
242, 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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