

Converting Colors

XYZ(65.9729, 79.3672,
100.1214)

Have a look what the booklet for
XYZ(65.9729, 79.3672, 100.1214)
contains.

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Color

**XYZ(65.7742, 79.1039,
99.7976)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF2F7
RGB	173, 242, 247
RGB Percent	68%, 95%, 97%
CMY	0.3216, 0.0510, 0.0314
CMYK	0.30, 0.02, 0.00, 0.03
HSL	184°, 82%, 82%
HSV	184°, 30%, 97%
XYZ	65.7742, 79.1039, 99.7976
YIQ	221.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

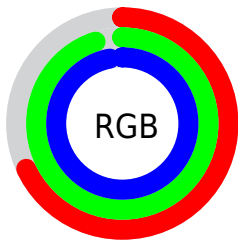
Format	Color
R _Y B	173, 209, 247
Decimal	11399927
CIE Lab	91.28, -20.16, -9.31
CIE LCh	91, 22.206, 204.780
Yxy	79.1039, 0.2688, 0.3233
Android (android.graphics.Color)	4289590007 (0xFFADF2F7)
YUV	221.9390, 12.3551, -42.9195
Hunter-Lab	88.9404, -23.6393, -4.2695

Details

The XYZ color **65.7742, 79.1039, 99.7976** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.8220, 54.6327, 46.8236**, and the grayscale version is **69.3271, 72.9376, 79.4290**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **34.4341, 42.7310, 55.7232** is the 20% darker color. If you saturate the color by 10%, you get **60.3157, 75.5582, 99.4022**, and if you desaturate by 10%, it is **72.2516, 83.1855, 100.2454**.

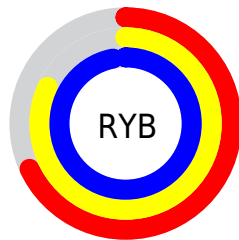
Distribution



Red (68%)

Green (95%)

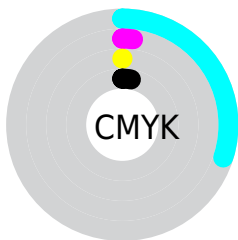
Blue (97%)



Red (68%)

Yellow (82%)

Blue (97%)

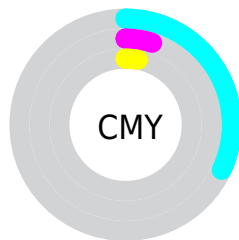


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (5%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7742, 79.1039, 99.7976 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 65.7742, 79.1039, 99.7976 by changing the saturation by 10% instead.

65.7742, 79.1039,
99.7976

65.7742, 79.1039,
99.7976

435.0703,
491.9078, 580.7847

48.3562, 58.9812,
75.5156

112.2217,
132.1051, 162.9285

34.3214, 42.5980,
55.5311

141.9819,
165.7525, 202.6144

23.3047, 29.5698,
39.4256

176.5868,
204.6768, 248.2720

14.9406, 19.5123,
26.7806

216.4019,
249.2626, 300.3199

8.8637, 12.0410,
17.1776

261.7924,
299.8942, 359.1765

4.7088, 6.7716,
10.1979

313.1237,

2.1104, 3.3197,

356.9560, 425.2605

5.4230

370.7612,
420.8324, 498.9904

■ 0.6949, 1.3008,
2.4345

■ 0.0000, 0.1418,
0.8051

■ 65.7742, 79.1039,
99.7976

■ 65.7742, 79.1039,
99.7976

■ 60.3157, 75.5582,
99.4022

■ 72.2516, 83.1855,
100.2454

■ 55.8132, 72.5101,
99.0512

■ 79.7923, 87.8200,
100.7425


■ 52.2081, 69.9313,
98.7435


■ 88.4465, 93.0353,
101.2930


■ 49.4320, 67.7866,
98.4758


■ 91.8045, 95.5271,
101.5970


 47.4071, 66.0358,
98.2446


 92.3215, 96.5611,
101.7693


 46.0404, 64.6309,
98.0454

 92.8431, 97.6042,
101.9432

 45.1783, 63.4928,
97.8712

 93.3693, 98.6565,
102.1185

 45.1751, 63.4883,
97.8705

 93.7888, 99.4955,
102.2584

Harmonies

Analogous

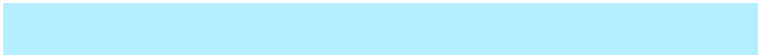
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9069, 79.1039, 83.3390



65.7742, 79.1039, 99.7976



69.1105, 79.1039, 114.0394

Triad

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



65.7742, 79.1039, 99.7976



84.3863, 79.1039, 105.2882



76.1757, 79.1039, 58.7848

Complementary

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



65.7742, 79.1039, 99.7976



61.8220, 54.6327, 46.8236

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.



81.6073, 79.1039, 63.1928



65.7742, 79.1039, 99.7976



86.4965, 79.1039, 88.9841

Square

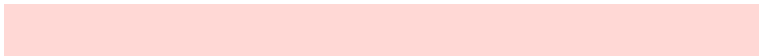
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7742, 79.1039, 99.7976



79.8177, 79.1039, 117.4766



85.4551, 79.1039, 73.7722



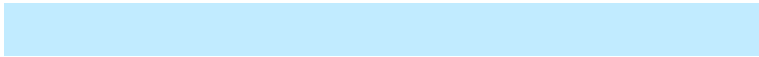
70.7368, 79.1039, 60.9246

Rectangle

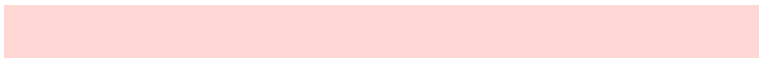
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7742, 79.1039, 99.7976



72.3780, 79.1039, 119.6646



85.4551, 79.1039, 73.7722



78.0655, 79.1039, 59.5317

Sweetspot

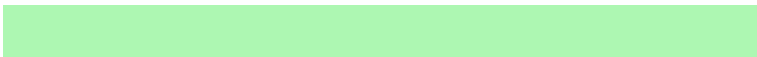
The Sweet Spot groups the original color and five complimentary colors.



65.7765, 79.1071, 99.7994



86.6125, 94.9193, 108.3640



58.5251, 78.6189, 54.1764



18.2665, 20.1512, 23.1768



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.



65.7765, 79.1071, 99.7994



67.0094, 82.6559, 107.0302



55.8710, 59.2959, 96.4976



16.8953, 18.5549, 21.2335



23.9338, 33.6613, 51.7739



2.1318, 3.0151, 4.5598

Inverse Universe

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



69.3302, 56.0739, 91.1772



71.4405, 54.3526, 96.1854



70.1856, 71.3598, 49.6115



17.1625, 16.7478, 20.6022



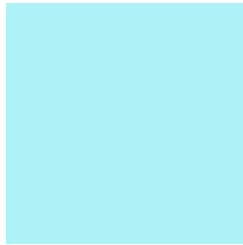
27.8852, 13.4975, 40.9652



2.4651, 1.1920, 3.6757

Previews

White Background



This preview shows how the XYZ color 65.7742, 79.1039, 99.7976 looks on a white background.

Color Contrast Check

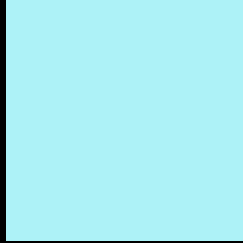
Large Text (above 18pt) WCAG AA × Fail

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 65.7742, 79.1039, 99.7976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

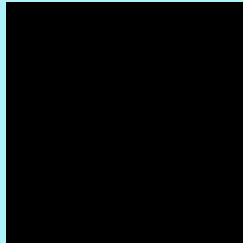
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7742, 79.1039, 99.7976

Background



This preview shows how black text looks on a background with the XYZ color 65.7742, 79.1039, 99.7976.

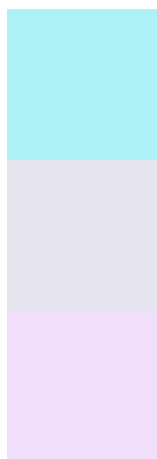


This preview shows how white text looks on a background with the XYZ color 65.7742, 79.1039,

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

65.7742, 79.1039, 99.7976

Protanopia

75.8091, 78.4828, 92.0421

Deuteranopia

80.0759, 78.4412, 102.1870



Tritanopia

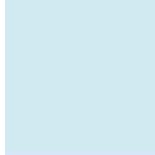
68.6321, 78.6834, 106.1779

Trichromacy



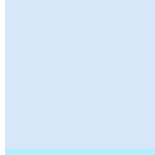
Original Color

65.7742, 79.1039, 99.7976



Protanomaly

71.3106, 78.1840, 94.5516



Deuteranomaly

73.8710, 78.0947, 101.6228



Tritanomaly

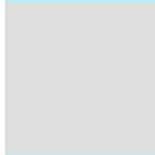
67.4932, 78.5850, 103.7066

Monochromacy



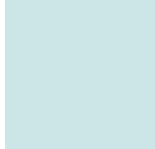
Original Color

65.7742, 79.1039, 99.7976



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

67.3450, 74.6455, 86.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7742, 79.1039, 99.7976 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(173, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(173, 242, 247)  
}
```

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(173, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 242, 247) }
```

Border

The CSS property to change the border of an element to XYZ 65.7742, 79.1039, 99.7976 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(173, 242, 247) }
```


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

```
.border{ border-color:rgb(173, 242, 247) }
```

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

Here you see how a box with a 4 pixel rgb(173, 242, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(173, 242,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7742, 79.1039, 99.7976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 242, 247) }
```

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

```
.background{ background-color: rgb(173,  
242, 247) }
```

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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