

Converting Colors

XYZ(82.6888, 100.0000,
103.7441)

Have a look what the booklet for
XYZ(82.6888, 100.0000, 103.7441)
contains.

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Color

**XYZ(78.4354, 91.5627,
102.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFF8
RGB	207, 255, 248
RGB Percent	81%, 100%, 97%
CMY	0.1882, 0.0000, 0.0274
CMYK	0.19, 0.00, 0.03, 0.00
HSL	171°, 100%, 91%
HSV	171°, 19%, 100%
XYZ	78.4354, 91.5627, 102.3463
YIQ	239.8500, -26.3610, -12.3530

Conversions

Conversions Part 2

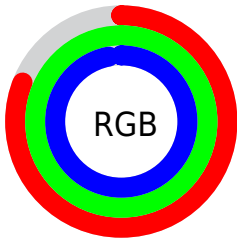
Format	Color
R_{YB}	207, 233, 255
Decimal	13631480
CIE _{Lab}	96.64, -16.54, -1.71
CIE _{LCh}	97, 16.623, 185.890
Yxy	91.5627, 0.2880, 0.3362
Android (android.graphics.Color)	4291821560 (0xFFCFFF8)
YUV	239.8500, 4.0180, -28.8094
Hunter-Lab	95.6884, -21.1390, 3.5665

Details

The XYZ color **78.4354, 91.5627, 102.3463** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.6911, 70.7419, 73.2840**, and the grayscale version is **82.6912, 86.9976, 94.7404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6574, 50.8693, 57.4397** is the 20% darker color. If you saturate the color by 10%, you get **71.3064, 87.9535, 99.0325**, and if you desaturate by 10%, it is **86.7284, 95.7705, 105.7773**.

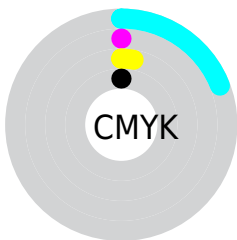
Distribution



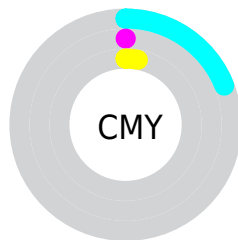
- Red (81%)
- Green (100%)
- Blue (97%)



- Red (81%)
- Yellow (91%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4354, 91.5627, 102.3463 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 78.4354, 91.5627, 102.3463 by changing the saturation by 10% instead.

78.4354, 91.5627,
102.3463

78.4354, 91.5627,
102.3463

478.4615,
533.1012, 589.0000

58.7357, 69.2775,
77.6337

130.1258,
149.5072, 166.4577

42.6460, 50.9377,
57.2585

162.8473,
185.9352, 206.6937

29.8008, 36.1590,
40.8020

200.6401,
227.8463, 252.9411

19.8347, 24.5571,
27.8459

243.8696,
275.6248, 305.6186

12.3825, 15.7474,
17.9715

292.9012,
329.6551, 365.1447

7.0788, 9.3456,
10.7603

348.1001,

3.5582, 4.9673,

390.3218, 431.9379

5.7938

409.8317,
458.0090, 506.4169

■ 1.4554, 2.2281,
2.6533

■ 0.2952, 0.7352,
0.9198

■ 78.4354, 91.5627,
102.3463

■ 78.4354, 91.5627,
102.3463

■ 71.3064, 87.9535,
99.0325

■ 86.7284, 95.7705,
105.7773

■ 65.2832, 84.9131,
95.8285

95.0500, 100.0000,
108.9000

■ 60.3070, 82.4112,
92.7327

■ 56.3125, 80.4140,
89.7415

■ 53.2268, 78.8841,
86.8514

■ 50.9669, 77.7785,
84.0579

■ 49.4343, 77.0466,
81.3563

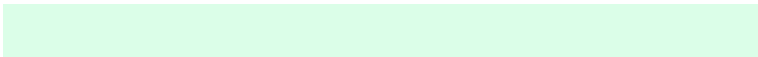
■ 48.4862, 76.6148,
78.7393

■ 48.3913, 76.5725,
78.4357

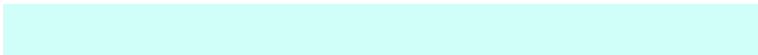
Harmonies

Analogous

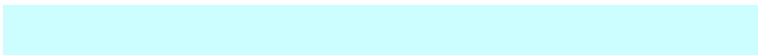
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1210, 91.5627, 89.6002



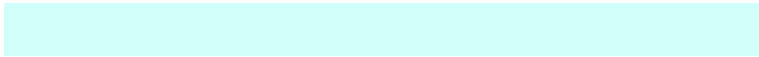
78.4354, 91.5627, 102.3463



79.9849, 91.5627, 115.4692

Triad

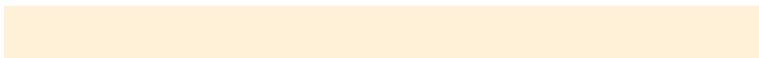
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4354, 91.5627, 102.3463



92.3736, 91.5627, 121.9073



90.7303, 91.5627, 78.1076

Complementary

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



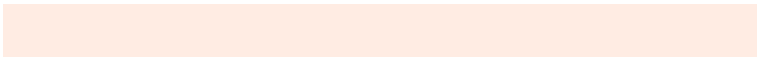
78.4354, 91.5627, 102.3463



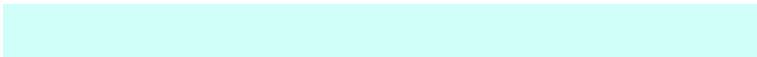
75.6911, 70.7419, 73.2840

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.



94.4720, 91.5627, 85.4292



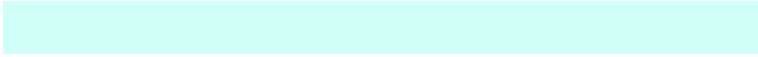
78.4354, 91.5627, 102.3463



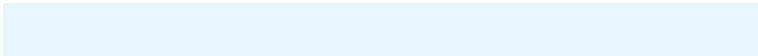
95.4442, 91.5627, 110.5235

Square

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



78.4354, 91.5627, 102.3463



87.9481, 91.5627, 127.3907



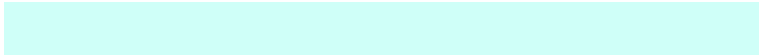
96.2254, 91.5627, 97.0923



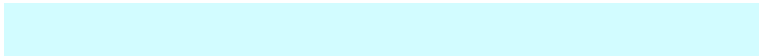
86.1136, 91.5627, 76.3380

Rectangle

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



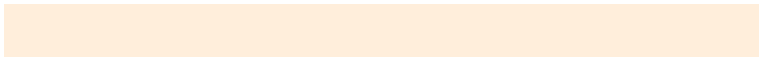
78.4354, 91.5627, 102.3463



82.1105, 91.5627, 122.4295



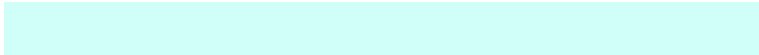
96.2254, 91.5627, 97.0923



92.1372, 91.5627, 79.9671

Sweetspot

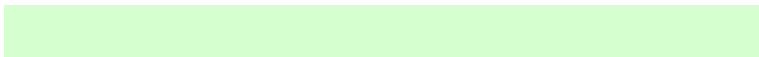
The Sweet Spot groups the original color and five complimentary colors.



78.4364, 91.5632, 102.3478



89.2863, 97.0699, 106.7663



74.8134, 90.3517, 72.5296



18.9824, 20.7116, 22.8032



0.0000, 0.0000, 0.0000



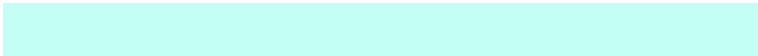
20.3446, 21.4041, 23.3091

Same Dimension

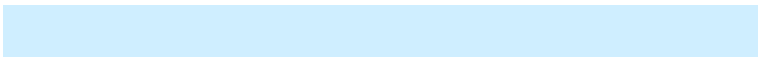
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4364, 91.5632, 102.3478



75.3196, 89.9842, 100.9491



74.4159, 81.7519, 106.4653



18.4343, 20.4332, 22.5898



25.3290, 40.0282, 41.2133



2.4959, 3.9093, 4.1693

Inverse Universe

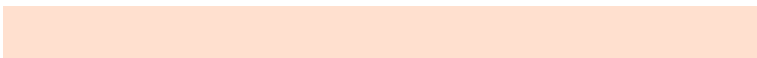
The Inverse Universe completely reimagines the original color for something new.



75.6911, 70.7419, 73.2840



72.0665, 65.3010, 66.5012



79.1051, 78.9698, 70.1065



18.1173, 18.0302, 19.2346



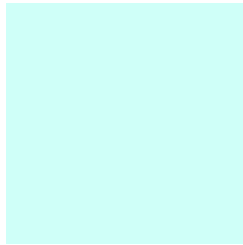
21.7570, 11.1921, 2.1050



2.1491, 1.1020, 0.3664

Previews

White Background



This preview shows how the XYZ color 78.4354, 91.5627, 102.3463 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 78.4354, 91.5627, 102.3463 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

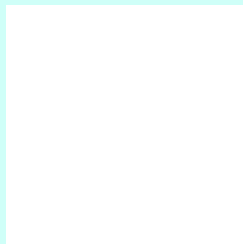
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4354, 91.5627, 102.3463

Background



This preview shows how black text looks on a background with the XYZ color 78.4354, 91.5627, 102.3463.

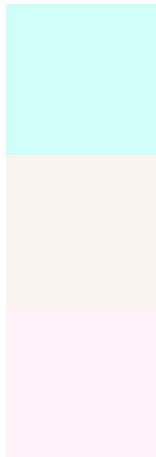


This preview shows how white text looks on a background with the XYZ color 78.4354, 91.5627,

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

78.4354, 91.5627, 102.3463

Protanopia

87.6522, 91.3762, 96.2367

Deuteranopia

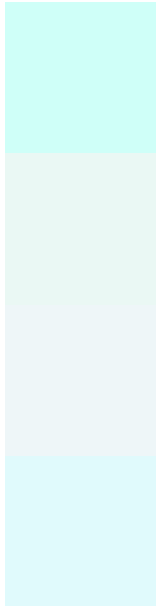
89.6386, 90.9479, 101.6372



Tritanopia

84.9150, 91.0652, 107.7096

Trichromacy



Original Color

78.4354, 91.5627, 102.3463

Protanomaly

83.8282, 91.1589, 98.7652

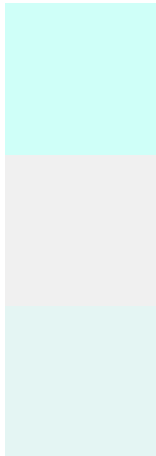
Deuteranomaly

85.1589, 90.8660, 101.8575

Tritanomaly

82.4968, 91.2468, 105.3598

Monochromacy



Original Color

78.4354, 91.5627, 102.3463

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

80.8250, 88.2699, 97.5719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4354, 91.5627, 102.3463 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(207, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 248)  
}
```

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(207, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 78.4354, 91.5627, 102.3463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

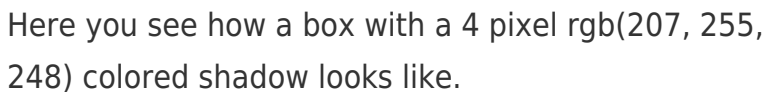
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 255, 248) }
```


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

```
.border{ border-color:rgb(207, 255, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 255, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 255, 248); box-shadow:4px 4px 4px 4px rgb(207, 255, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4354, 91.5627, 102.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 248) }
```

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

```
.background{ background-color: rgb(207,  
255, 248) }
```

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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