

Converting Colors

XYZ(100.5121, 135.7835,
108.4904)

Have a look what the booklet for
XYZ(100.5121, 135.7835, 108.4904)
contains.

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Color

**XYZ(78.4070, 91.5837,
100.7337)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFF6
RGB	208, 255, 246
RGB Percent	82%, 100%, 96%
CMY	0.1843, 0.0000, 0.0353
CMYK	0.18, 0.00, 0.04, 0.00
HSL	169°, 100%, 91%
HSV	169°, 18%, 100%
XYZ	78.4070, 91.5837, 100.7337
YIQ	239.9210, -25.1230, -12.7630

Conversions

Conversions Part 2

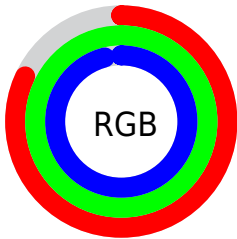
Format	Color
R _Y B	208, 234, 255
Decimal	13697014
CIE Lab	96.65, -16.63, -0.66
CIE LCh	97, 16.642, 182.261
Yxy	91.5837, 0.2896, 0.3383
Android (android.graphics.Color)	4291887094 (0xFFD0FFF6)
YUV	239.9210, 2.9969, -27.9947
Hunter-Lab	95.6994, -21.2279, 4.5806

Details

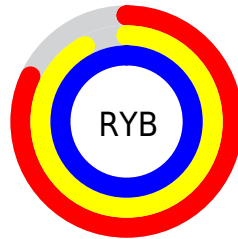
The XYZ color **78.4070, 91.5837, 100.7337** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.3210, 71.3828, 75.4018**, and the grayscale version is **82.7538, 87.0634, 94.8121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6252, 50.8782, 56.2891** is the 20% darker color. If you saturate the color by 10%, you get **71.0654, 87.8844, 96.5306**, and if you desaturate by 10%, it is **86.9229, 95.8861, 105.0975**.

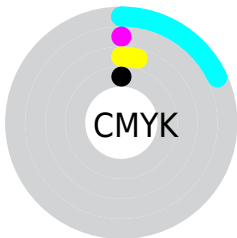
Distribution



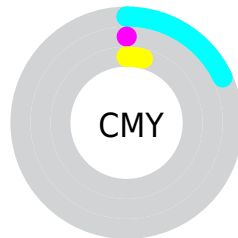
- Red (82%)
- Green (100%)
- Blue (96%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4070, 91.5837, 100.7337 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 78.4070, 91.5837, 100.7337 by changing the saturation by 10% instead.


 78.4070, 91.5837,
100.7337

 78.4070, 91.5837,
100.7337


478.3666,
533.1692, 583.8092

 58.7123, 69.2949,
76.2931


130.0860,
149.5363, 164.2257

 42.6271, 50.9519,
56.1648


162.8011,
185.9689, 204.1143

 29.7859, 36.1703,
39.9302


200.5870,
227.8848, 249.9893

 19.8234, 24.5658,
27.1707

243.8091,
275.6686, 302.2692

 12.3742, 15.7538,
17.4679

292.8328,
329.7045, 361.3726

 7.0731, 9.3501,
10.4032

348.0234,

 3.5546, 4.9703,

390.3770, 427.7180

5.5580

409.7462,
458.0704, 501.7241

■ 1.4534, 2.2298,
2.5138

■ 0.2938, 0.7362,
0.8475

■ 78.4070, 91.5837,
100.7337

■ 78.4070, 91.5837,
100.7337

■ 71.0654, 87.8844,
96.5306

■ 86.9229, 95.8861,
105.0975

■ 64.8399, 84.7583,
92.4803

95.0500, 100.0000,
108.9000

■ 59.6721, 82.1751,
88.5808

■ 55.4966, 80.1013,
84.8282

■ 52.2408, 78.4994,
81.2183

■ 49.8221, 77.3269,
77.7465

■ 48.1427, 76.5333,
74.4073

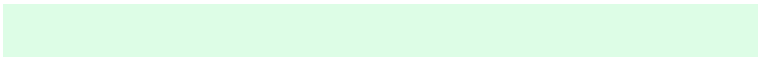
■ 47.0657, 76.0481,
71.1935

■ 46.9221, 75.9849,
70.6990

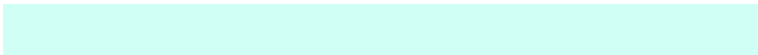
Harmonies

Analogous

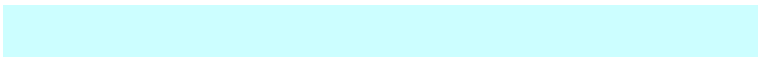
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3637, 91.5837, 88.2578



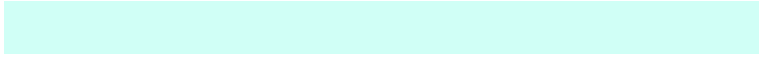
78.4070, 91.5837, 100.7337



79.6962, 91.5837, 114.0367

Triad

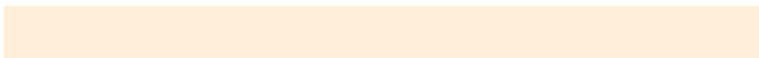
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4070, 91.5837, 100.7337



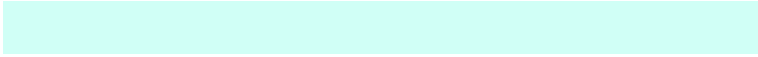
91.9129, 91.5837, 123.0036



91.2803, 91.5837, 78.7089

Complementary

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



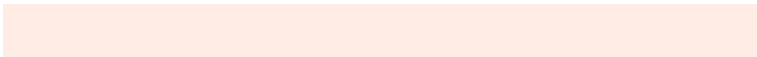
78.4070, 91.5837, 100.7337



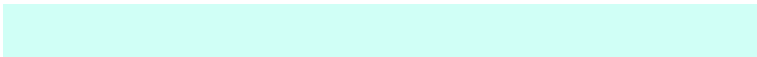
76.3210, 71.3828, 75.4018

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.



94.8377, 91.5837, 86.6531



78.4070, 91.5837, 100.7337



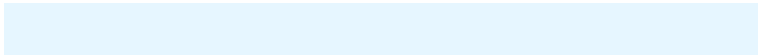
95.2120, 91.5837, 112.1320

Square

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



78.4070, 91.5837, 100.7337



87.4011, 91.5837, 127.5877



96.3007, 91.5837, 98.7113



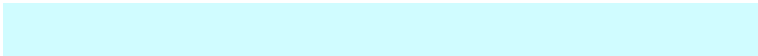
86.6950, 91.5837, 76.2363

Rectangle

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



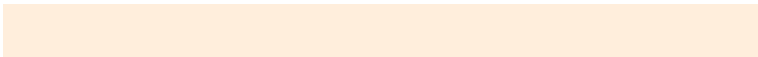
78.4070, 91.5837, 100.7337



81.6835, 91.5837, 121.3944



96.3007, 91.5837, 98.7113



92.6415, 91.5837, 80.7909

Sweetspot

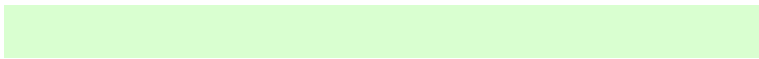
The Sweet Spot groups the original color and five complimentary colors.



78.4080, 91.5842, 100.7352



89.1753, 97.0256, 106.1819



75.8804, 90.8876, 73.2199



18.9561, 20.7011, 22.6647



0.0000, 0.0000, 0.0000



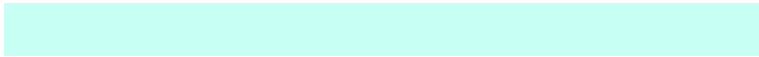
20.3446, 21.4041, 23.3091

Same Dimension

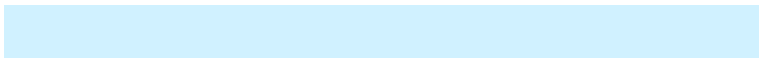
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4080, 91.5842, 100.7352



75.6552, 90.1958, 99.2164



75.4891, 83.4821, 106.7427



18.3969, 20.4183, 22.3933



24.5710, 39.7250, 37.2217



2.4289, 3.8825, 3.8166

Inverse Universe

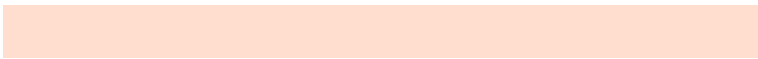
The Inverse Universe completely reimagines the original color for something new.



76.3210, 71.3828, 75.4018



73.2286, 66.6961, 69.7526



78.7738, 78.1108, 70.6012



18.1515, 18.0439, 19.4147



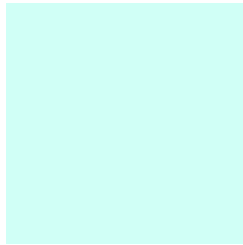
21.8767, 11.2400, 2.7354



2.1658, 1.1087, 0.4543

Previews

White Background



This preview shows how the XYZ color 78.4070, 91.5837, 100.7337 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 78.4070, 91.5837, 100.7337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

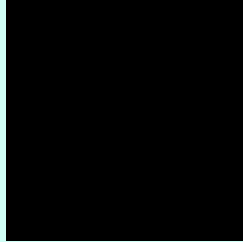
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4070, 91.5837, 100.7337

Background



This preview shows how black text looks on a background with the XYZ color 78.4070, 91.5837, 100.7337.

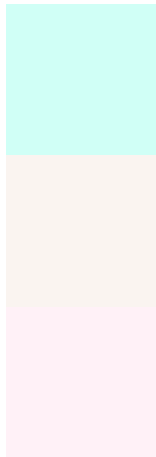


This preview shows how white text looks on a background with the XYZ color 78.4070, 91.5837,

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

78.4070, 91.5837, 100.7337

Protanopia

87.5032, 91.3166, 95.4520

Deuteranopia

89.4838, 90.8860, 100.8221



Tritanopia

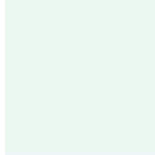
85.2424, 91.2340, 107.7249

Trichromacy



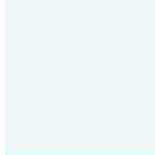
Original Color

78.4070, 91.5837, 100.7337



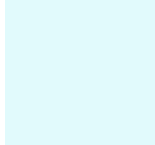
Protanomaly

83.8554, 91.2078, 97.1896



Deuteranomaly

85.0042, 90.8041, 101.0424



Tritanomaly

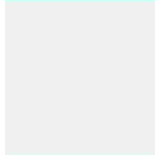
82.8076, 91.4070, 105.3744

Monochromacy



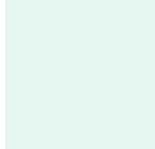
Original Color

78.4070, 91.5837, 100.7337



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.6743, 88.2096, 96.7786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4070, 91.5837, 100.7337 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(208, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 246)  
}
```

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(208, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.4070, 91.5837, 100.7337 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(208, 255, 246) }
```


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

```
.border{ border-color:rgb(208, 255, 246) }
```

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

Here you see how a box with a 4 pixel rgb(208, 255, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4070, 91.5837, 100.7337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 246) }
```

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

```
.background{ background-color: rgb(208,  
255, 246) }
```

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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