

Converting Colors

XYZ(67.0051, 74.3538, 91.7091)

Have a look what the booklet for
XYZ(67.0051, 74.3538, 91.7091)
contains.

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Color

**XYZ(67.0051, 74.3538,
91.7091)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E5EE
RGB	199, 229, 238
RGB Percent	78%, 90%, 93%
CMY	0.2196, 0.1019, 0.0667
CMYK	0.16, 0.04, 0.00, 0.07
HSL	194°, 53%, 86%
HSV	194°, 16%, 93%
XYZ	67.0051, 74.3538, 91.7091
YIQ	221.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

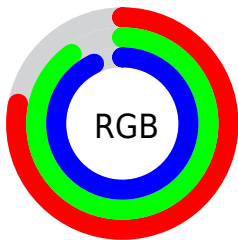
Format	Color
R _Y B	199, 216, 238
Decimal	13100526
CIE Lab	89.09, -7.97, -7.69
CIE LCh	89, 11.076, 223.965
Yxy	74.3538, 0.2875, 0.3190
Android (android.graphics.Color)	4291290606 (0xFFC7E5EE)
YUV	221.0560, 8.3534, -19.3431
Hunter-Lab	86.2286, -12.1944, -2.6983

Details

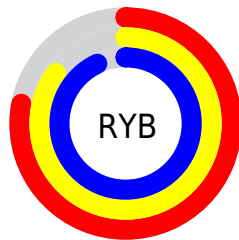
The XYZ color **67.0051, 74.3538, 91.7091** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.1251, 67.4123, 63.4555**, and the grayscale version is **68.7220, 72.3009, 78.7356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2566, 39.6692, 50.0547** is the 20% darker color. If you saturate the color by 10%, you get **59.6828, 68.3612, 90.9395**, and if you desaturate by 10%, it is **75.3674, 80.9578, 92.5442**.

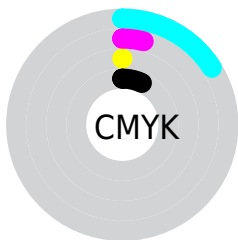
Distribution



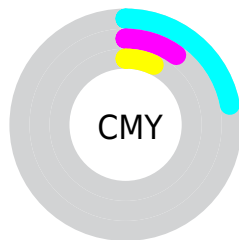
- Red (78%)
- Green (90%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0051, 74.3538, 91.7091 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 67.0051, 74.3538, 91.7091 by changing the saturation by 10% instead.

67.0051, 74.3538,
91.7091

67.0051, 74.3538,
91.7091

439.3951,
475.6936, 554.2879

49.3595, 55.0837,
68.8174

113.9775,
125.3972, 151.6663

35.1204, 39.4687,
50.0921

144.0349,
157.9393, 189.5689

23.9226, 27.1245,
35.1149

178.9604,
195.6741, 233.3122

15.4007, 17.6668,
23.4672

219.1192,
238.9861, 283.3147

9.1892, 10.7110,
14.7303

264.8768,
288.2596, 339.9950

4.9229, 5.8729,
8.4858

316.5983,

2.2364, 2.7679,

343.8791, 403.7716

4.3151

374.6493,
406.2290, 475.0630

■ 0.7618, 1.0118,
1.7998

■ 0.0000, 0.0000,
0.4278

■ 67.0051, 74.3538,
91.7091

■ 67.0051, 74.3538,
91.7091

■ 59.6828, 68.3612,
90.9395

■ 75.3674, 80.9578,
92.5442

■ 53.3477, 62.9462,
90.2282

■ 84.8065, 88.1869,
93.4421

■ 47.9522, 58.0857,
89.5744

■ 89.4695, 93.0264,
94.1305

■ 43.4421, 53.7509,
88.9754

■ 91.1596, 96.4066,
94.6938

■ 39.7570, 49.9102,
88.4283

■ 92.4328, 98.9531,
95.1183

■ 36.8290, 46.5277,
87.9298

■ 34.5786, 43.5618,
87.4759

■ 32.9065, 40.9607,
87.0620

■ 32.3864, 40.0803,
86.9194

Harmonies

Analogous

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



65.7587, 74.3538, 84.5948



67.0051, 74.3538, 91.7091



69.2488, 74.3538, 96.0824

Triad

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



67.0051, 74.3538, 91.7091



75.7714, 74.3538, 85.1292



69.4273, 74.3538, 67.3887

Complementary

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



67.0051, 74.3538, 91.7091



68.1251, 67.4123, 63.4555

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.



72.1127, 74.3538, 67.5115



67.0051, 74.3538, 91.7091



75.8222, 74.3538, 77.4282

Square

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



67.0051, 74.3538, 91.7091



74.3314, 74.3538, 92.1217



74.4683, 74.3538, 71.0830



67.1329, 74.3538, 70.7359

Rectangle

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



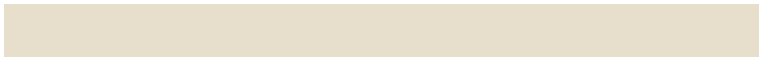
67.0051, 74.3538, 91.7091



71.0302, 74.3538, 96.6913



74.4683, 74.3538, 71.0830



70.3132, 74.3538, 67.0324

Sweetspot

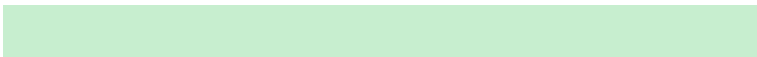
The Sweet Spot groups the original color and five complimentary colors.



67.0073, 74.3569, 91.7108



89.5827, 95.7992, 108.3773



65.4466, 77.8195, 70.8929



19.0154, 20.3818, 23.1818



0.0000, 0.0000, 0.0000



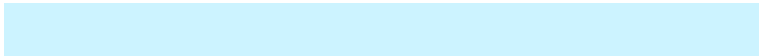
20.3446, 21.4041, 23.3091

Same Dimension

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



67.0073, 74.3569, 91.7108



75.0728, 84.2992, 106.9224



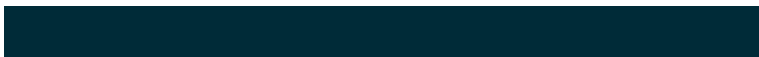
62.0461, 64.4344, 90.0570



15.9202, 17.2746, 20.2168



18.1710, 22.5662, 48.5259



1.5859, 2.0258, 4.0616

Inverse Universe

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



69.8279, 64.6827, 82.9370



79.0460, 70.9310, 94.5050



73.0254, 77.2128, 65.0889



16.2892, 15.9654, 19.0790



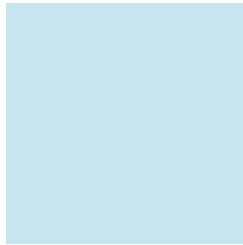
24.4975, 12.0714, 26.3341



2.0754, 1.0192, 2.3881

Previews

White Background



This preview shows how the XYZ color 67.0051, 74.3538, 91.7091 looks on a white background.

Color Contrast Check

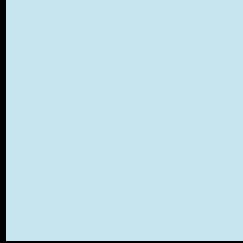
Large Text (above 18pt) WCAG AA × Fail

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 67.0051, 74.3538, 91.7091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

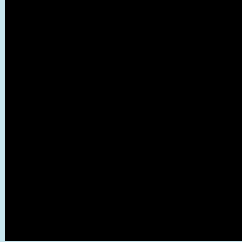
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0051, 74.3538, 91.7091

Background



This preview shows how black text looks on a background with the XYZ color 67.0051, 74.3538, 91.7091.

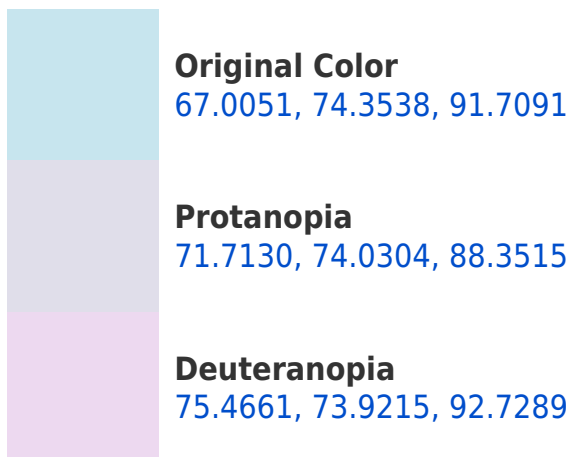


This preview shows how white text looks on a background with the XYZ color 67.0051, 74.3538,

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

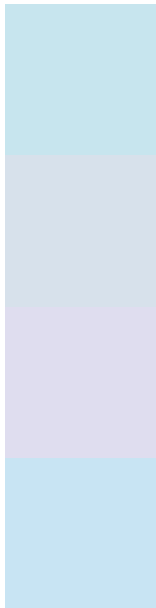




Tritanopia

68.1974, 74.4200, 97.9589

Trichromacy



Original Color

67.0051, 74.3538, 91.7091

Protanomaly

69.9449, 74.2957, 89.2513

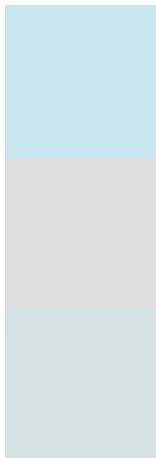
Deuteranomaly

71.8679, 73.6329, 92.0861

Tritanomaly

67.7405, 74.2372, 95.5529

Monochromacy



Original Color

67.0051, 74.3538, 91.7091

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9614, 73.0035, 83.1822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0051, 74.3538, 91.7091 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(199, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(199, 229, 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(199, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 229, 238) }
```

Border

The CSS property to change the border of an element to XYZ 67.0051, 74.3538, 91.7091 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(199, 229, 238) }
```


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

```
.border{ border-color:rgb(199, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 229, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 229, 238); box-shadow:4px 4px 4px 4px rgb(199, 229, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0051, 74.3538, 91.7091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 229, 238) }
```

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

```
.background{ background-color: rgb(199,  
229, 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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