

Converting Colors

XYZ(67.0339, 77.1810, 86.1089)

Have a look what the booklet for
XYZ(67.0339, 77.1810, 86.1089)
contains.

XYZ(67.0172, 77.0001, 86.1932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.0172, 77.0001,
86.1932)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EBE6
RGB	197, 235, 230
RGB Percent	77%, 92%, 90%
CMY	0.2274, 0.0784, 0.0980
CMYK	0.16, 0.00, 0.02, 0.08
HSL	172°, 49%, 85%
HSV	172°, 16%, 92%
XYZ	67.0172, 77.0001, 86.1932
YIQ	223.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

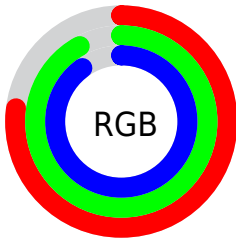
Format	Color
R _Y B	197, 217, 235
Decimal	12970982
CIE Lab	90.32, -13.26, -1.70
CIE LCh	90, 13.365, 187.305
Yxy	77.0001, 0.2911, 0.3345
Android (android.graphics.Color)	4291161062 (0xFFC5EBE6)
YUV	223.0680, 3.4175, -22.8616
Hunter-Lab	87.7497, -17.2359, 3.1865

Details

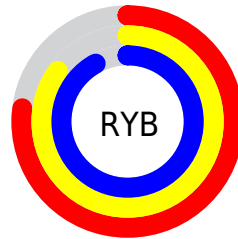
The XYZ color **67.0172, 77.0001, 86.1932** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8906, 61.8610, 64.4008**, and the grayscale version is **70.1765, 73.8312, 80.4021**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **35.1857, 41.1750, 46.6505** is the 20% darker color. If you saturate the color by 10%, you get **60.9068, 73.9019, 83.6606**, and if you desaturate by 10%, it is **74.0989, 80.6023, 88.8147**.

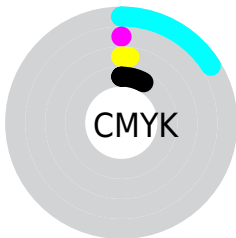
Distribution



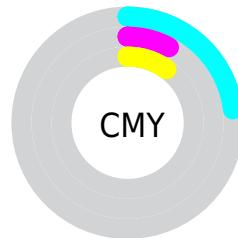
- Red (77%)
- Green (92%)
- Blue (90%)



- Red (77%)
- Yellow (85%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0172, 77.0001, 86.1932 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 67.0172, 77.0001, 86.1932 by changing the saturation by 10% instead.

67.0172, 77.0001,
86.1932

67.0172, 77.0001,
86.1932

439.4375,
484.7644, 535.8153

49.3694, 57.2530,
64.2719

113.9947,
129.1396, 143.9280

35.1283, 41.2084,
46.4234

144.0551,
162.3008, 180.5786

23.9287, 28.4819,
32.2290

178.9837,
200.7021, 222.9761

15.4052, 18.6893,
21.2702

219.1459,
244.7279, 271.5389

9.1924, 11.4460,
13.1285

264.9070,
294.7627, 326.6858

4.9250, 6.3676,
7.3853

316.6324,

2.2376, 3.0699,

351.1907, 388.8351

3.6221

374.6875,
414.3965, 458.4054

0.7625, 1.1683,
1.4204

0.0000, 0.0356,
0.1576

67.0172, 77.0001,
86.1932

67.0172, 77.0001,
86.1932

60.9068, 73.9019,
83.6606

74.0989, 80.6023,
88.8147

55.7169, 71.2753,
81.2096


82.1869, 84.7202,
91.5222


51.4018, 69.0987,
78.8393


86.5716, 86.9282,
94.0971


47.9092, 67.3454,
76.5471


87.0335, 87.1129,
96.5292


 45.1816, 65.9855,
74.3302


 87.5032, 87.3008,
99.0027


 43.1534, 64.9853,
72.1853


 87.9808, 87.4919,
101.5179

 41.7485, 64.3056,
70.1085

 88.4664, 87.6861,
104.0750

 40.8720, 63.8974,
68.0953

 88.9600, 87.8835,
106.6740

 40.6166, 63.7822,
67.3384

 88.9997, 87.8994,
106.8832

Harmonies

Analogous

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



67.4366, 77.0001, 76.9619



67.0172, 77.0001, 86.1932



68.2104, 77.0001, 95.4519

Triad

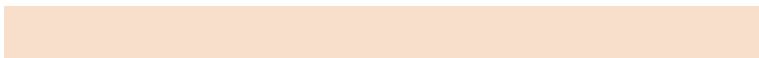
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0172, 77.0001, 86.1932



77.1358, 77.0001, 99.2885



75.6847, 77.0001, 68.0347

Complementary

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



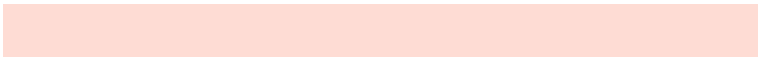
67.0172, 77.0001, 86.1932



64.8906, 61.8610, 64.4008

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.



78.3984, 77.0001, 73.2103



67.0172, 77.0001, 86.1932



79.2538, 77.0001, 91.1162

Square

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



67.0172, 77.0001, 86.1932



74.0034, 77.0001, 103.3759



79.7228, 77.0001, 81.5301



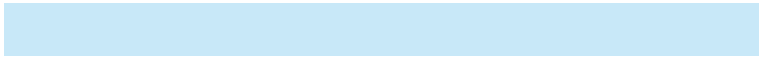
72.3752, 77.0001, 66.9348

Rectangle

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



67.0172, 77.0001, 86.1932



69.7818, 77.0001, 100.2384



79.7228, 77.0001, 81.5301



76.6998, 77.0001, 69.3354

Sweetspot

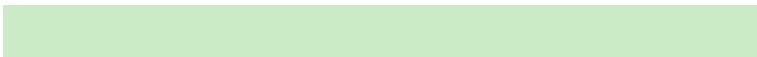
The Sweet Spot groups the original color and five complimentary colors.



67.0194, 77.0033, 86.1949



90.2447, 97.5539, 107.2706



64.1639, 76.0170, 64.1156



19.1768, 20.8097, 22.9118



0.0000, 0.0000, 0.0000



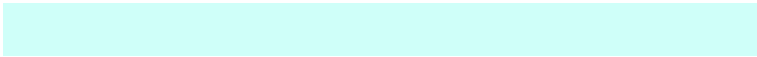
20.3446, 21.4041, 23.3091

Same Dimension

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



67.0194, 77.0033, 86.1949



78.4064, 91.5366, 102.8491



63.8977, 69.6192, 88.6710



15.4274, 17.0858, 18.9334



22.6381, 35.5097, 37.6551



1.8014, 2.7979, 3.0818

Inverse Universe

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



64.8906, 61.8610, 64.4008



75.4451, 70.4684, 72.5287



67.6193, 68.2513, 62.4346



15.1462, 15.0863, 16.0551



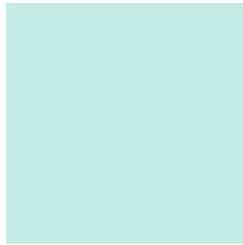
19.2310, 9.8951, 1.7516



1.5359, 0.7873, 0.2735

Previews

White Background



This preview shows how the XYZ color 67.0172, 77.0001, 86.1932 looks on a white background.

Color Contrast Check

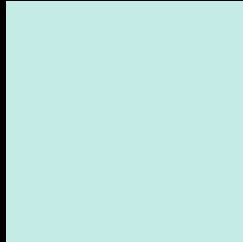
Large Text (above 18pt) WCAG AA × Fail

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 67.0172, 77.0001, 86.1932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

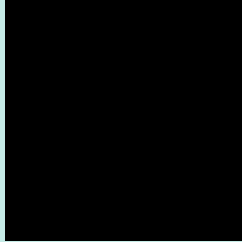
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

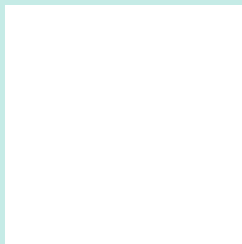
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0172, 77.0001, 86.1932

Background



This preview shows how black text looks on a background with the XYZ color 67.0172, 77.0001, 86.1932.

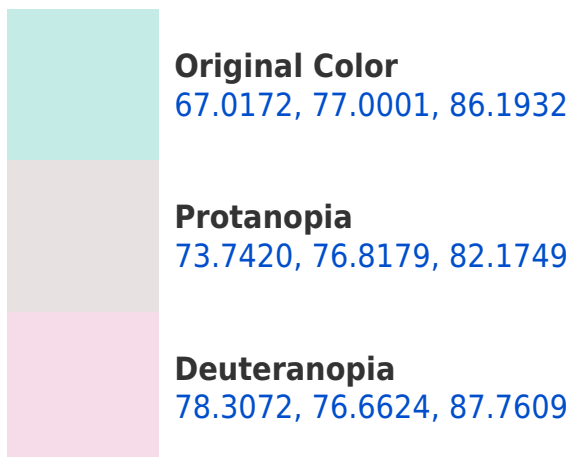


This preview shows how white text looks on a background with the XYZ color 67.0172, 77.0001,

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

70.1993, 77.0329, 101.6114

Trichromacy



Original Color

67.0172, 77.0001, 86.1932

Protanomaly

71.0979, 76.6447, 83.7197

Deuteranomaly

73.4856, 76.1706, 87.1732

Tritanomaly

69.1360, 77.0283, 96.0181

Monochromacy



Original Color

67.0172, 77.0001, 86.1932

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.9281, 74.7253, 82.7420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0172, 77.0001, 86.1932 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(197, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(197, 235, 230)  
}
```

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(197, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 235, 230) }
```

Border

The CSS property to change the border of an element to XYZ 67.0172, 77.0001, 86.1932 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(197, 235, 230) }
```


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

```
.border{ border-color:rgb(197, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(197, 235,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0172, 77.0001, 86.1932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 235, 230) }
```

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

```
.background{ background-color: rgb(197,  
235, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor