

Converting Colors

XYZ(71.3501, 82.1723, 96.3017)

Have a look what the booklet for
XYZ(71.3501, 82.1723, 96.3017)
contains.

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Color

**XYZ(71.3323, 82.0572,
96.0834)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F2F2
RGB	199, 242, 242
RGB Percent	78%, 95%, 95%
CMY	0.2196, 0.0510, 0.0510
CMYK	0.18, 0.00, 0.00, 0.05
HSL	180°, 62%, 86%
HSV	180°, 18%, 95%
XYZ	71.3323, 82.0572, 96.0834
YIQ	229.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

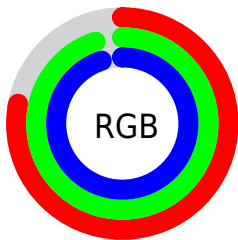
Format	Color
R_{YB}	199, 221, 242
Decimal	13103858
CIE _{Lab}	92.60, -13.72, -4.59
CIE _{LCh}	93, 14.472, 198.503
Yxy	82.0572, 0.2859, 0.3289
Android (android.graphics.Color)	4291293938 (0xFFC7F2F2)
YUV	229.1430, 6.3385, -26.4354
Hunter-Lab	90.5854, -17.9631, 0.5213

Details

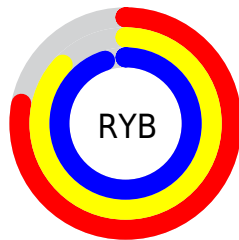
The XYZ color **71.3323, 82.0572, 96.0834** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3531, 63.8498, 62.8106**, and the grayscale version is **74.5517, 78.4341, 85.4148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9234, 44.5923, 53.0628** is the 20% darker color. If you saturate the color by 10%, you get **65.4153, 79.0091, 95.8067**, and if you desaturate by 10%, it is **78.2751, 85.6385, 96.4115**.

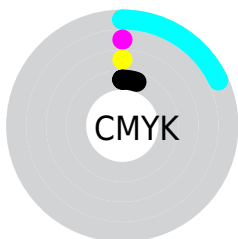
Distribution



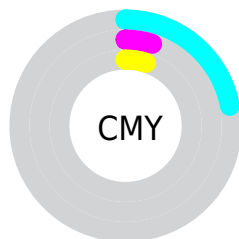
- Red (78%)
- Green (95%)
- Blue (95%)



- Red (78%)
- Yellow (87%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3323, 82.0572, 96.0834 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 71.3323, 82.0572, 96.0834 by changing the saturation by 10% instead.

71.3323, 82.0572,
96.0834

71.3323, 82.0572,
96.0834

454.4080,
501.8390, 568.7003

52.8969, 61.4127,
72.4352

120.1227,
136.2542, 157.7689

37.9476, 44.5583,
53.0252

151.2085,
170.5755, 196.6433

26.1191, 31.1097,
37.4350

187.2417,
210.2245, 241.4302

17.0459, 20.6824,
25.2461

228.5878,
255.5856, 292.5480

10.3627, 12.8920,
16.0398

275.6122,
307.0432, 350.4154

5.7042, 7.3542,
9.3977

328.6801,

2.7050, 3.6846,

364.9817, 415.4509

4.9011

388.1569,
429.7855, 488.0730

■ 0.9998, 1.4987,
2.1316

■ 0.0000, 0.2878,
0.6345

■ 71.3323, 82.0572,
96.0834

■ 71.3323, 82.0572,
96.0834

■ 65.4153, 79.0091,
95.8067

■ 78.2751, 85.6385,
96.4115

■ 60.4689, 76.4591,
95.5738


■ 86.2816, 89.7659,
96.7877


■ 56.4434, 74.3840,
95.3839


■ 89.0217, 91.1785,
96.9174


■ 53.2820, 72.7542,
95.2345


■ 89.0220, 91.1786,
96.9189


 50.9213, 71.5373,
95.1225


 89.0223, 91.1787,
96.9204


 49.2898, 70.6962,
95.0447


 89.0226, 91.1788,
96.9219


 48.3027, 70.1874,
94.9970

 89.0229, 91.1790,
96.9234

 47.8462, 69.9521,
94.9741

 89.0232, 91.1791,
96.9249

 47.7786, 69.9172,
94.9706

 89.0234, 91.1792,
96.9264

Harmonies

Analogous

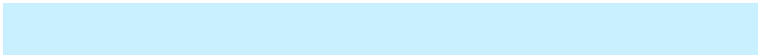
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1170, 82.0572, 85.2804



71.3323, 82.0572, 96.0834



73.2975, 82.0572, 105.7785

Triad

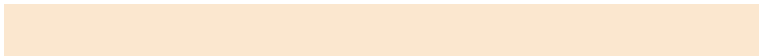
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3323, 82.0572, 96.0834



83.5373, 82.0572, 103.7878



79.4436, 82.0572, 70.5441

Complementary

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



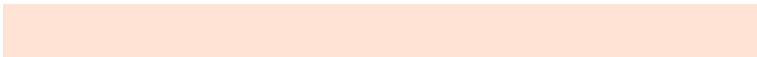
71.3323, 82.0572, 96.0834



67.3531, 63.8498, 62.8106

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.



82.8847, 82.0572, 74.7107



71.3323, 82.0572, 96.0834



85.2984, 82.0572, 93.5395

Square

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



71.3323, 82.0572, 96.0834



80.3111, 82.0572, 110.4673



85.0557, 82.0572, 82.9318



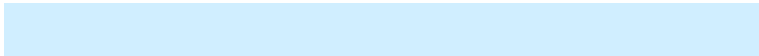
75.7197, 82.0572, 71.1053

Rectangle

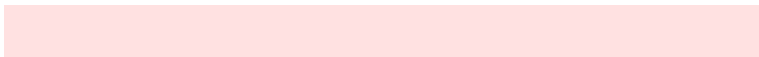
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



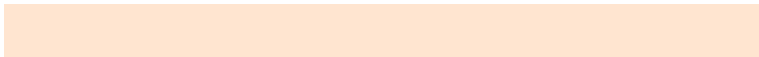
71.3323, 82.0572, 96.0834



75.3720, 82.0572, 110.0413



85.0557, 82.0572, 82.9318



80.6739, 82.0572, 71.4237

Sweetspot

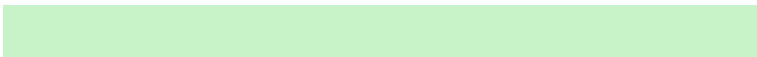
The Sweet Spot groups the original color and five complimentary colors.



71.3347, 82.0606, 96.0852



90.5137, 97.6615, 108.6869



65.8071, 79.8716, 65.9826



19.2425, 20.8359, 23.2573



0.0000, 0.0000, 0.0000



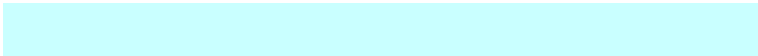
20.3446, 21.4041, 23.3091

Same Dimension

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



71.3347, 82.0606, 96.0852



78.0179, 91.2197, 108.0994



65.4962, 70.3829, 94.1416



16.2474, 17.9290, 20.3256



25.6659, 37.5584, 51.0168



2.1352, 3.1245, 4.2442

Inverse Universe

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



67.3531, 63.8498, 62.8106



72.8278, 67.4819, 64.7257



72.4661, 74.0764, 64.5130



15.7729, 15.7589, 16.3604



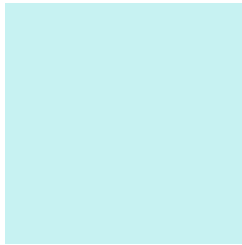
19.6715, 10.1410, 0.9210



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 71.3323, 82.0572, 96.0834 looks on a white background.

Color Contrast Check

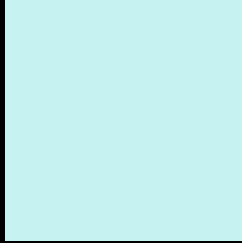
Large Text (above 18pt) WCAG AA × Fail

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 71.3323, 82.0572, 96.0834 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 71.3323, 82.0572, 96.0834

Background



This preview shows how black text looks on a background with the XYZ color 71.3323, 82.0572, 96.0834.

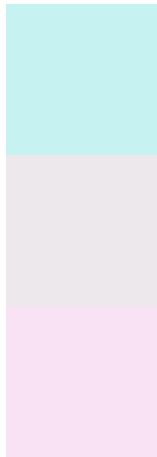


This preview shows how white text looks on a background with the XYZ color 71.3323, 82.0572,

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

71.3323, 82.0572, 96.0834

Protanopia

78.5890, 81.6022, 90.9656

Deuteranopia

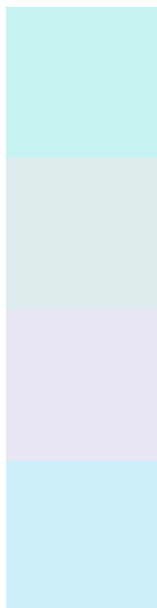
83.1021, 81.3093, 97.7005



Tritanopia

74.6486, 82.2184, 106.5431

Trichromacy



Original Color

71.3323, 82.0572, 96.0834

Protanomaly

75.8595, 81.8519, 92.6897

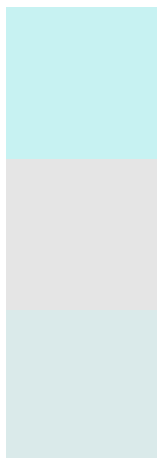
Deuteranomaly

78.1407, 81.2338, 97.1492

Tritanomaly

73.3172, 82.0597, 102.4174

Monochromacy



Original Color

71.3323, 82.0572, 96.0834

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.1875, 79.6916, 89.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3323, 82.0572, 96.0834 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, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 242, 242)  
}
```

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, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.3323, 82.0572, 96.0834 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, 242, 242) }
```


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

```
.border{ border-color:rgb(199, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(199, 242,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3323, 82.0572, 96.0834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 242, 242) }
```

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

```
.background{ background-color: rgb(199,  
242, 242) }
```

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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