

Converting Colors

XYZ(65.8765, 71.2254, 94.4501)

Have a look what the booklet for
XYZ(65.8765, 71.2254, 94.4501)
contains.

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Color

**XYZ(65.9679, 71.3283,
94.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DFF2
RGB	199, 223, 242
RGB Percent	78%, 87%, 95%
CMY	0.2196, 0.1255, 0.0510
CMYK	0.18, 0.08, 0.00, 0.05
HSL	207°, 62%, 86%
HSV	207°, 18%, 95%
XYZ	65.9679, 71.3283, 94.2953
YIQ	217.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

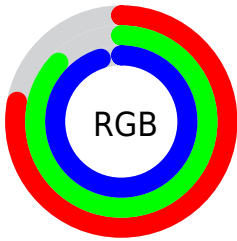
Format	Color
R _Y B	199, 214, 242
Decimal	13098994
CIE Lab	87.64, -4.05, -11.94
CIE LCh	88, 12.608, 251.260
Yxy	71.3283, 0.2848, 0.3080
Android (android.graphics.Color)	4291289074 (0xFFC7DFF2)
YUV	217.9900, 11.8369, -16.6542
Hunter-Lab	84.4561, -8.3734, -7.0781

Details

The XYZ color **65.9679, 71.3283, 94.2953** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9988, 73.1436, 64.3577**, and the grayscale version is **66.5665, 70.0331, 76.2661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5426, 37.5702, 51.8856** is the 20% darker color. If you saturate the color by 10%, you get **57.2840, 62.7457, 93.0975**, and if you desaturate by 10%, it is **75.8576, 80.8039, 95.6042**.

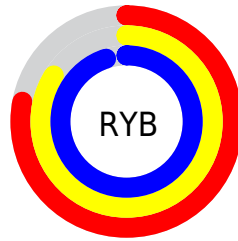
Distribution



Red (78%)

Green (87%)

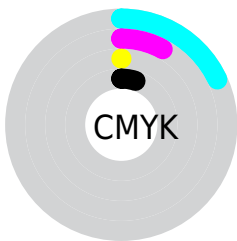
Blue (95%)



Red (78%)

Yellow (84%)

Blue (95%)

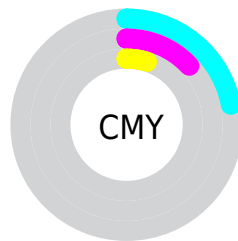


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9679, 71.3283, 94.2953 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 65.9679, 71.3283, 94.2953 by changing the saturation by 10% instead.

■ 65.9679, 71.3283,
94.2953

■ 65.9679, 71.3283,
94.2953

435.7525,
465.2003, 562.8331

■ 48.5140, 52.6102,
70.9549

112.4982,
121.1011, 155.2779

■ 34.4470, 37.4917,
51.8238

142.3054,
152.9245, 193.7572

■ 23.4017, 25.5884,
36.4834

176.9609,
189.8851, 238.1198

■ 15.0127, 16.5160,
24.5151

216.8302,
232.3673, 288.7845

■ 8.9147, 9.8900,
15.5004

262.2787,
280.7556, 346.1696

■ 4.7423, 5.3261,
9.0209

313.6717,

■ 2.1300, 2.4398,

335.4342, 410.6937

4.6578

371.3745,
396.7877, 482.7753

■ 0.7055, 0.8463,
1.9927

■ 0.0000, 0.0000,
0.5508

■ 65.9679, 71.3283,
94.2953

■ 65.9679, 71.3283,
94.2953

■ 57.2840, 62.7457,
93.0975

■ 75.8576, 80.8039,
95.6042

■ 49.7479, 55.0160,
92.0027

■ 86.9947, 91.1933,
97.0226

■ 43.3064, 48.1083,
91.0089

■ 93.0272, 99.1909,
98.2483

■ 37.8991, 41.9865,
90.1123

■ 33.4592, 36.6106,
89.3087

■ 29.9113, 31.9363,
88.5934

■ 27.1668, 27.9123,
87.9614

■ 25.1078, 24.4717,
87.4058

■ 24.7033, 23.7630,
87.2903

Harmonies

Analogous

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



63.5713, 71.3283, 89.0178



65.9679, 71.3283, 94.2953



68.9224, 71.3283, 94.9285

Triad

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



65.9679, 71.3283, 94.2953



73.5823, 71.3283, 74.4986



64.0800, 71.3283, 65.9505

Complementary

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



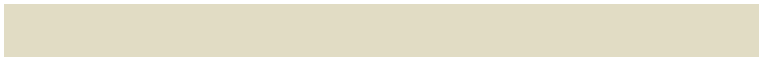
65.9679, 71.3283, 94.2953



71.9988, 73.1436, 64.3577

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.



66.6808, 71.3283, 62.6316



65.9679, 71.3283, 94.2953



72.2026, 71.3283, 67.3199

Square

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



65.9679, 71.3283, 94.2953



73.3777, 71.3283, 83.0666



69.6564, 71.3283, 63.1138



62.5036, 71.3283, 72.5016

Rectangle

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



65.9679, 71.3283, 94.2953



70.8179, 71.3283, 92.5816



69.6564, 71.3283, 63.1138



64.8602, 71.3283, 64.4423

Sweetspot

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



65.9700, 71.3312, 94.2969



88.7431, 94.1200, 108.0975



67.9136, 80.6905, 78.0752



18.8111, 19.9732, 23.1137



0.0000, 0.0000, 0.0000



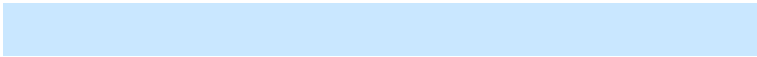
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9700, 71.3312, 94.2969



70.9302, 77.0434, 105.7402



60.6709, 60.7330, 92.5305



15.6291, 16.6924, 20.1198



13.4092, 13.0426, 46.9386



1.2145, 1.2830, 3.9379

Inverse Universe

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



70.3624, 65.0535, 78.6635



76.7039, 69.0323, 85.1365



77.8336, 84.8132, 66.3027



16.1422, 15.9066, 18.3052



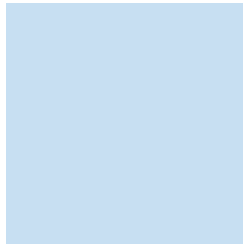
22.0939, 11.1100, 13.6772



1.8880, 0.9442, 1.4010

Previews

White Background



This preview shows how the XYZ color 65.9679, 71.3283, 94.2953 looks on a white background.

Color Contrast Check

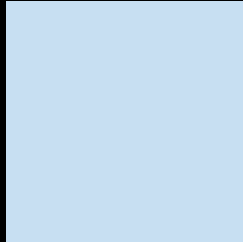
Large Text (above 18pt) WCAG AA × Fail

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 65.9679, 71.3283, 94.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

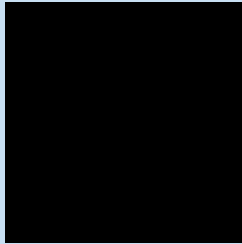
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

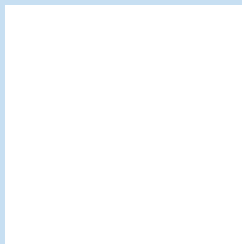
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9679, 71.3283, 94.2953

Background



This preview shows how black text looks on a background with the XYZ color 65.9679, 71.3283, 94.2953.



This preview shows how white text looks on a background with the XYZ color 65.9679, 71.3283,

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

65.9679, 71.3283, 94.2953

Protanopia

69.5648, 71.2802, 91.7534

Deuteranopia

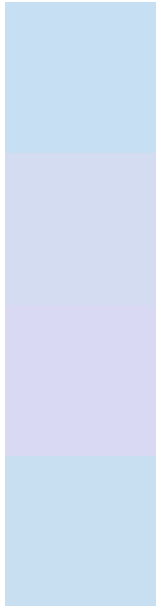
72.4365, 70.7782, 95.4317



Tritanopia

65.8180, 71.2683, 93.5063

Trichromacy



Original Color

65.9679, 71.3283, 94.2953

Protanomaly

68.1853, 71.3266, 92.6117

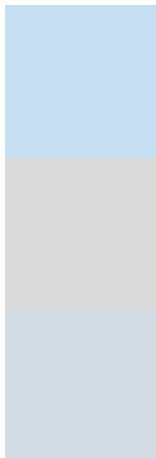
Deuteranomaly

69.9040, 71.0022, 94.8145

Tritanomaly

65.8180, 71.2683, 93.5063

Monochromacy



Original Color

65.9679, 71.3283, 94.2953

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.3223, 70.5813, 82.8010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9679, 71.3283, 94.2953 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, 223, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 223, 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, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 223, 242) }
```

Border

The CSS property to change the border of an element to XYZ 65.9679, 71.3283, 94.2953 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, 223, 242) }
```


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

```
.border{ border-color:rgb(199, 223, 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, 223, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 223, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 223, 242); box-shadow:4px 4px 4px 4px rgb(199, 223, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9679, 71.3283, 94.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 223, 242) }
```

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

```
.background{ background-color: rgb(199,  
223, 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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