

Converting Colors

XYZ(65.8807, 72.3362, 91.9329)

Have a look what the booklet for
XYZ(65.8807, 72.3362, 91.9329)
contains.

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Color

**XYZ(65.7939, 72.0882,
92.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E1EF
RGB	198, 225, 239
RGB Percent	78%, 88%, 94%
CMY	0.2235, 0.1176, 0.0627
CMYK	0.17, 0.06, 0.00, 0.06
HSL	200°, 56%, 86%
HSV	200°, 17%, 94%
XYZ	65.7939, 72.0882, 92.1081
YIQ	218.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

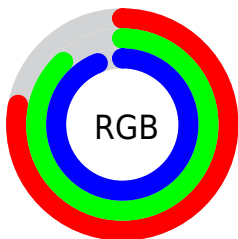
Format	Color
R_{YB}	198, 214, 239
Decimal	13033967
CIE Lab	88.01, -6.02, -9.82
CIE LCh	88, 11.521, 238.490
Yxy	72.0882, 0.2861, 0.3134
Android (android.graphics.Color)	4291224047 (0xFFC6E1EF)
YUV	218.5230, 10.0952, -17.9987
Hunter-Lab	84.9048, -10.2612, -4.8868

Details

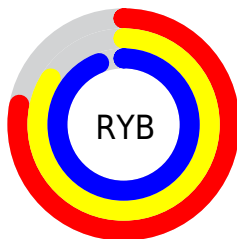
The XYZ color **65.7939, 72.0882, 92.1081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3337, 69.5148, 63.1909**, and the grayscale version is **66.9460, 70.4324, 76.7009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4236, 38.0976, 50.3390** is the 20% darker color. If you saturate the color by 10%, you get **57.8316, 64.7886, 91.1199**, and if you desaturate by 10%, it is **74.8599, 80.1171, 93.1812**.

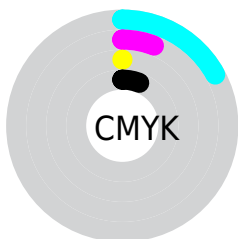
Distribution



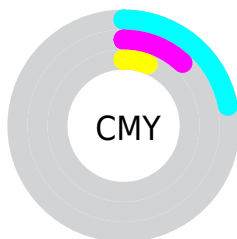
- Red (78%)
- Green (88%)
- Blue (94%)



- Red (78%)
- Yellow (84%)
- Blue (94%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7939, 72.0882, 92.1081 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 65.7939, 72.0882, 92.1081 by changing the saturation by 10% instead.

■ 65.7939, 72.0882,
92.1081

■ 65.7939, 72.0882,
92.1081

435.1397,
467.8485, 555.6109

■ 48.3722, 53.2307,
69.1469

112.2498,
122.1819, 152.2242

■ 34.3342, 37.9870,
50.3588

142.0148,
154.1870, 190.2162

■ 23.3146, 25.9726,
35.3254

176.6249,
191.3433, 234.0555

■ 14.9479, 16.8031,
23.6281

216.4455,
234.0354, 284.1607

■ 8.8689, 10.0942,
14.8483

261.8419,
282.6475, 340.9502

■ 4.7122, 5.4615,
8.5676

313.1795,

■ 2.1124, 2.5205,

337.5642, 404.8428

4.3673

370.8236,
399.1697, 476.2568

■ 0.6960, 0.8869,
1.8289

■ 0.0000, 0.0000,
0.4469

■ 65.7939, 72.0882,
92.1081

■ 65.7939, 72.0882,
92.1081

■ 57.8316, 64.7886,
91.1199

■ 74.8599, 80.1171,
93.1812

■ 50.9186, 58.1824,
90.2092

■ 85.0682, 88.8915,
94.3367

■ 45.0055, 52.2437,
89.3746

■ 90.8453, 95.5422,
95.3160

■ 40.0358, 46.9413,
88.6130

■ 92.5802, 99.0121,
95.8943

■ 35.9471, 42.2406,
87.9212

■ 32.6689, 38.1030,
87.2953

■ 30.1186, 34.4833,
86.7311

■ 28.1894, 31.3242,
86.2230

■ 27.7064, 30.4845,
86.0864

Harmonies

Analogous

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



63.9793, 72.0882, 85.9311



65.7939, 72.0882, 92.1081



68.3786, 72.0882, 94.6061

Triad

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



65.7939, 72.0882, 92.1081



73.9348, 72.0882, 78.8911



66.0288, 72.0882, 65.9327

Complementary

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



65.7939, 72.0882, 92.1081



69.3337, 69.5148, 63.1909

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.



68.6570, 72.0882, 64.3198



65.7939, 72.0882, 92.1081



73.2658, 72.0882, 71.4947

Square

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



65.7939, 72.0882, 92.1081



73.1203, 72.0882, 86.6666



71.3156, 72.0882, 66.2882



64.1123, 72.0882, 70.8479

Rectangle

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



65.7939, 72.0882, 92.1081



70.2065, 72.0882, 93.7303



71.3156, 72.0882, 66.2882



66.8561, 72.0882, 65.0014

Sweetspot

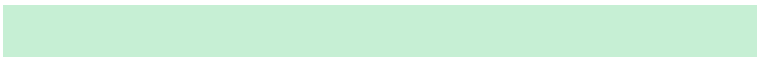
The Sweet Spot groups the original color and five complimentary colors.



65.7960, 72.0912, 92.1097



89.1409, 94.9157, 108.2301



65.9982, 78.4768, 73.7375



18.9079, 20.1667, 23.1460



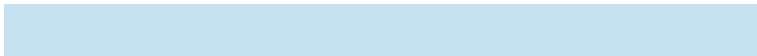
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.7960, 72.0912, 92.1097



72.4613, 80.1055, 106.2505



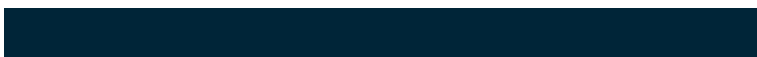
60.6615, 61.8222, 90.3982



15.7666, 16.9673, 20.1656



15.4376, 17.0994, 47.6147



1.3762, 1.6064, 3.9917

Inverse Universe

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



69.3830, 64.1767, 79.9680



77.4767, 69.3414, 89.2061



74.6945, 80.2364, 64.9778



16.2116, 15.9344, 18.6706



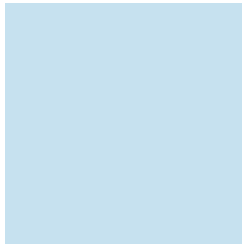
23.1178, 11.5195, 19.0687



1.9696, 0.9769, 1.8307

Previews

White Background



This preview shows how the XYZ color 65.7939, 72.0882, 92.1081 looks on a white background.

Color Contrast Check

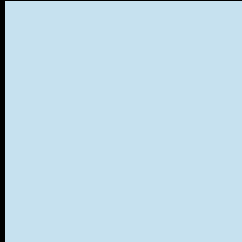
Large Text (above 18pt) WCAG AA × Fail

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 65.7939, 72.0882, 92.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

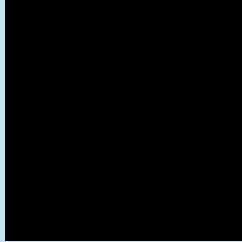
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

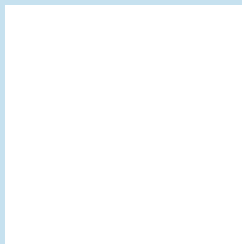
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7939, 72.0882, 92.1081

Background



This preview shows how black text looks on a background with the XYZ color 65.7939, 72.0882, 92.1081.

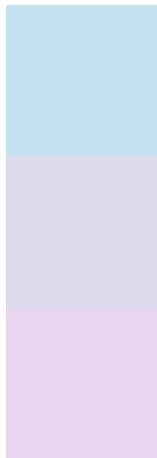


This preview shows how white text looks on a background with the XYZ color 65.7939, 72.0882,

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

65.7939, 72.0882, 92.1081

Protanopia

69.8421, 71.8768, 88.7898

Deuteranopia

73.2025, 71.5998, 93.1810



Tritanopia

66.2359, 71.8642, 94.3846

Trichromacy



Original Color

65.7939, 72.0882, 92.1081

Protanomaly

68.1482, 71.7661, 89.6173

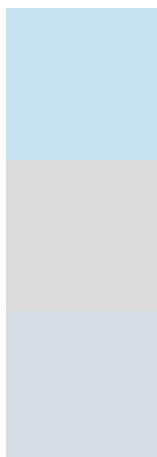
Deuteranomaly

70.3148, 71.6497, 92.5619

Tritanomaly

66.0860, 71.8043, 93.5956

Monochromacy



Original Color

65.7939, 72.0882, 92.1081

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4479, 71.0528, 82.1639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7939, 72.0882, 92.1081 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(198, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(198, 225, 239)  
}
```

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(198, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 225, 239) }
```

Border

The CSS property to change the border of an element to XYZ 65.7939, 72.0882, 92.1081 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(198, 225, 239) }
```


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

```
.border{ border-color:rgb(198, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(198, 225,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7939, 72.0882, 92.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 225, 239) }
```

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

```
.background{ background-color: rgb(198,  
225, 239) }
```

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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