

Converting Colors

XYZ(65.2841, 72.3014, 91.7132)

Have a look what the booklet for
XYZ(65.2841, 72.3014, 91.7132)
contains.

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Color

**XYZ(65.1346, 72.1679,
91.3857)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E2EE
RGB	195, 226, 238
RGB Percent	76%, 89%, 93%
CMY	0.2353, 0.1137, 0.0667
CMYK	0.18, 0.05, 0.00, 0.07
HSL	197°, 56%, 85%
HSV	197°, 18%, 93%
XYZ	65.1346, 72.1679, 91.3857
YIQ	218.0990, -22.3280, -2.8400

Conversions

Conversions Part 2

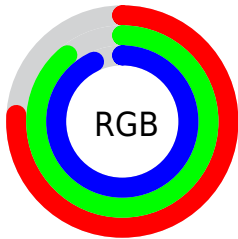
Format	Color
R_{YB}	195, 213, 238
Decimal	12837614
CIE _{Lab}	88.05, -7.67, -9.26
CIE _{LCh}	88, 12.023, 230.370
Yxy	72.1679, 0.2848, 0.3156
Android (android.graphics.Color)	4291027694 (0xFFC3E2EE)
YUV	218.0990, 9.8112, -20.2578
Hunter-Lab	84.9517, -11.8050, -4.3143

Details

The XYZ color **65.1346, 72.1679, 91.3857** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.4235, 66.7426, 60.9600**, and the grayscale version is **66.6560, 70.1273, 76.3687**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **33.9909, 38.1659, 49.8312** is the 20% darker color. If you saturate the color by 10%, you get **57.6982, 65.7073, 90.5318**, and if you desaturate by 10%, it is **73.6253, 79.2796, 92.3120**.

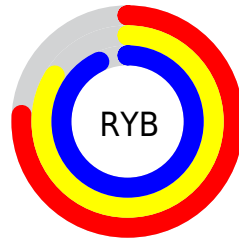
Distribution



Red (76%)

Green (89%)

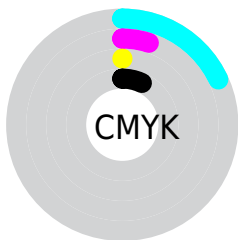
Blue (93%)



Red (76%)

Yellow (84%)

Blue (93%)

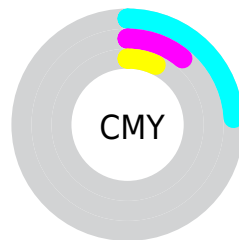


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1346, 72.1679, 91.3857 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 65.1346, 72.1679, 91.3857 by changing the saturation by 10% instead.

■ 65.1346, 72.1679,
91.3857

■ 65.1346, 72.1679,
91.3857

432.8131,
468.1258, 553.2142

■ 47.8353, 53.2958,
68.5503

■ 111.3080,
122.2952, 151.2140

■ 33.9072, 38.0390,
49.8761

140.9128,
154.3193, 189.0440

■ 22.9849, 26.0130,
34.9445

175.3502,
191.4961, 232.7093

■ 14.7030, 16.8333,
23.3369

214.9855,
234.2101, 282.6285

■ 8.6961, 10.1157,
14.6348

260.1841,
282.8457, 339.2200

■ 4.5990, 5.4758,
8.4197

311.3113,

■ 2.0463, 2.5290,

337.7872, 402.9024

4.2731

368.7325,
399.4191, 474.0943

■ 0.6598, 0.8911,
1.7763

■ 0.0000, 0.0000,
0.4123

■ 65.1346, 72.1679,
91.3857

■ 65.1346, 72.1679,
91.3857

■ 57.6982, 65.7073,
90.5318

■ 73.6253, 79.2796,
92.3120

■ 51.2627, 59.8635,
89.7430

■ 83.2079, 87.0572,
93.3082

■ 45.7792, 54.6119,
89.0184

■ 89.6058, 93.2992,
94.1758

■ 41.1923, 49.9228,
88.3550

■ 91.6610, 97.4095,
94.8609

■ 37.4402, 45.7631,
87.7499

■ 92.4328, 98.9531,
95.1182

■ 34.4529, 42.0956,
87.1994

■ 32.1481, 38.8764,
86.6995

■ 30.4117, 36.0455,
86.2446

■ 30.1094, 35.5262,
86.1603

Harmonies

Analogous

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



63.5507, 72.1679, 84.2073



65.1346, 72.1679, 91.3857



67.6747, 72.1679, 95.2070

Triad

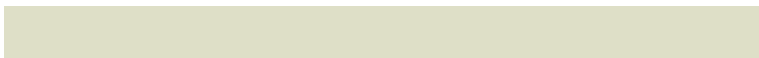
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1346, 72.1679, 91.3857



74.1773, 72.1679, 81.2513



66.6910, 72.1679, 64.6785

Complementary

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



65.1346, 72.1679, 91.3857



67.4235, 66.7426, 60.9600

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.



69.5204, 72.1679, 64.0086



65.1346, 72.1679, 91.3857



73.8961, 72.1679, 73.2065

Square

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



65.1346, 72.1679, 91.3857



72.9305, 72.1679, 89.0926



72.1726, 72.1679, 67.0276



64.4318, 72.1679, 68.9261

Rectangle

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



65.1346, 72.1679, 91.3857



69.5912, 72.1679, 95.1668



72.1726, 72.1679, 67.0276



67.6052, 72.1679, 64.0395

Sweetspot

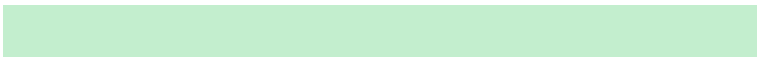
The Sweet Spot groups the original color and five complimentary colors.



65.1367, 72.1709, 91.3873



89.3895, 95.4129, 108.3129



64.2788, 77.2313, 70.2107



18.9684, 20.2877, 23.1661



0.0000, 0.0000, 0.0000



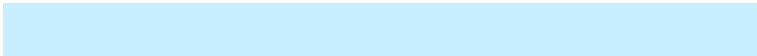
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1367, 72.1709, 91.3873



72.5453, 81.2856, 106.4739



59.7788, 61.4551, 89.6014



15.8529, 17.1399, 20.1944



16.9123, 20.0488, 48.1063



1.4903, 1.8345, 4.0298

Inverse Universe

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



68.5041, 62.6998, 80.4467



77.2719, 68.3135, 91.0446



72.8456, 77.5870, 62.7674



16.2552, 15.9518, 18.9001



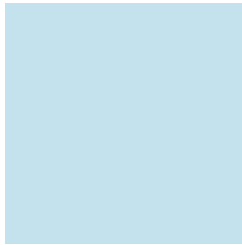
23.8622, 11.8173, 22.9884



2.0272, 0.9999, 2.1339

Previews

White Background



This preview shows how the XYZ color 65.1346, 72.1679, 91.3857 looks on a white background.

Color Contrast Check

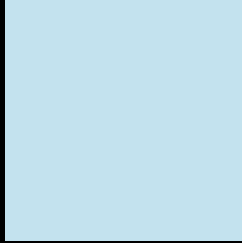
Large Text (above 18pt) WCAG AA × Fail

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 65.1346, 72.1679, 91.3857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

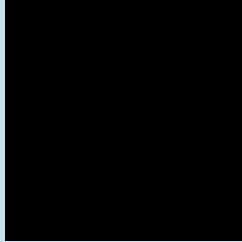
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1346, 72.1679, 91.3857

Background



This preview shows how black text looks on a background with the XYZ color 65.1346, 72.1679, 91.3857.

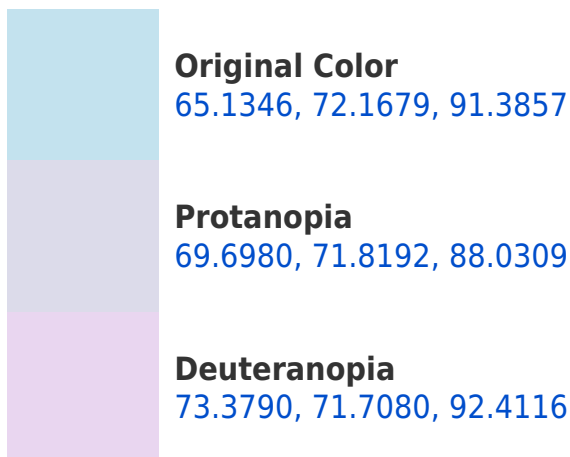


This preview shows how white text looks on a background with the XYZ color 65.1346, 72.1679,

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

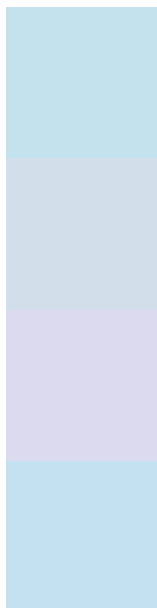




Tritanopia

65.8678, 72.0573, 95.2309

Trichromacy



Original Color

65.1346, 72.1679, 91.3857

Protanomaly

67.9806, 72.0896, 88.9290

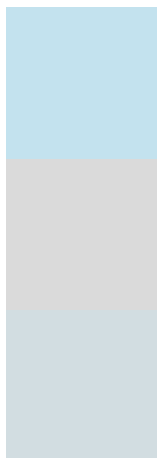
Deuteranomaly

69.8648, 71.4349, 91.7674

Tritanomaly

65.5673, 71.9371, 93.6486

Monochromacy



Original Color

65.1346, 72.1679, 91.3857

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0254, 70.8508, 81.4298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1346, 72.1679, 91.3857 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(195, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 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(195, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 238) }
```

Border

The CSS property to change the border of an element to XYZ 65.1346, 72.1679, 91.3857 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(195, 226, 238) }
```


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

```
.border{ border-color:rgb(195, 226, 238) }
```

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

Here you see how a box with a 4 pixel rgb(195, 226, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(195, 226,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1346, 72.1679, 91.3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 238) }
```

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

```
.background{ background-color: rgb(195,  
226, 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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