

Converting Colors

XYZ(65.6951, 85.1253, 95.8587)

Have a look what the booklet for
XYZ(65.6951, 85.1253, 95.8587)
contains.

XYZ(65.7377, 85.1400, 96.1880)	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(65.7377, 85.1400,
96.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	9EFFF1
RGB	158, 255, 241
RGB Percent	62%, 100%, 95%
CMY	0.3804, 0.0000, 0.0549
CMYK	0.38, 0.00, 0.05, 0.00
HSL	171°, 100%, 81%
HSV	171°, 38%, 100%
XYZ	65.7377, 85.1400, 96.1880
YIQ	224.4010, -53.3180, -24.9180

Conversions

Conversions Part 2

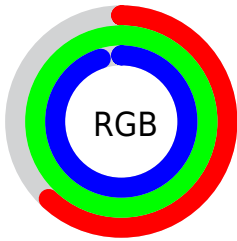
Format	Color
R_{YB}	158, 210, 255
Decimal	10420209
CIE Lab	93.94, -31.72, -2.35
CIE LCh	94, 31.804, 184.231
Yxy	85.1400, 0.2661, 0.3446
Android (android.graphics.Color)	4288610289 (0xFF9EFFF1)
YUV	224.4010, 8.1833, -58.2337
Hunter-Lab	92.2713, -34.3045, 2.7832

Details

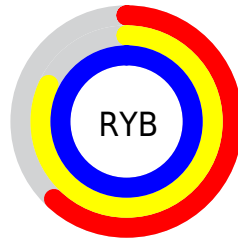
The XYZ color **65.7377, 85.1400, 96.1880** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.9140, 48.6935, 45.2188**, and the grayscale version is **71.1090, 74.8122, 81.4705**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **34.3179, 46.6577, 53.0960** is the 20% darker color. If you saturate the color by 10%, you get **60.6878, 82.5995, 93.1122**, and if you desaturate by 10%, it is **71.8413, 88.2223, 99.3740**.

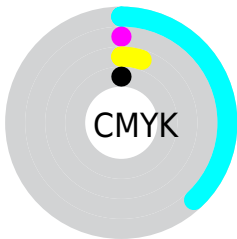
Distribution



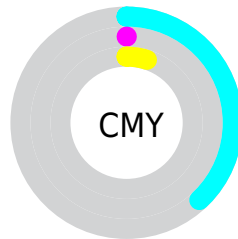
- Red (62%)
- Green (100%)
- Blue (95%)



- Red (62%)
- Yellow (82%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7377, 85.1400, 96.1880 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 65.7377, 85.1400, 96.1880 by changing the saturation by 10% instead.

65.7377, 85.1400,
96.1880

65.7377, 85.1400,
96.1880

434.9417,
512.0912, 569.0425

48.3264, 63.9571,
72.5218

112.1696,
140.5688, 157.9145

34.2978, 46.6159,
53.0956

141.9209,
175.5834, 196.8119

23.2864, 32.7321,
37.4908

176.5163,
215.9773, 241.6235

14.9270, 21.9213,
25.2890

216.3211,
262.1350, 292.7677

8.8542, 13.7991,
16.0715

261.7007,
314.4409, 350.6632

4.7025, 7.9811,
9.4199

313.0204,

2.1067, 4.0828,

373.2793, 415.7285

4.9155

370.6456,
439.0346, 488.3821

■ 0.6929, 1.7200,
2.1399

■ 0.0000, 0.4366,
0.6394

■ 65.7377, 85.1400,
96.1880

■ 65.7377, 85.1400,
96.1880

■ 60.6878, 82.5995,
93.1122

■ 71.8413, 88.2223,
99.3740

■ 56.6237, 80.5659,
90.1387

■ 79.0549, 91.8756,
102.6688

■ 53.4742, 79.0027,
87.2653

■ 87.4345, 96.1287,
106.0768

■ 51.1572, 77.8673,
84.4879

■ 95.0500, 100.0000,
108.9000

■ 49.5758, 77.1099,
81.8015

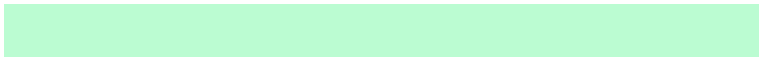
■ 48.5985, 76.6626,
79.1996

■ 48.4410, 76.5924,
78.6973

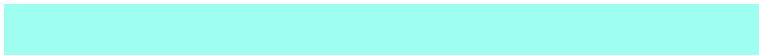
Harmonies

Analogous

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



67.1193, 85.1400, 73.8605



65.7377, 85.1400, 96.1880



68.1859, 85.1400, 121.5067

Triad

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



65.7377, 85.1400, 96.1880



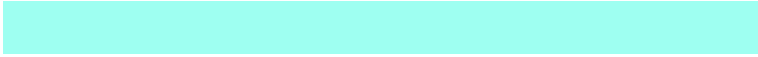
90.4386, 85.1400, 136.8812



88.2151, 85.1400, 56.7111

Complementary

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



65.7377, 85.1400, 96.1880



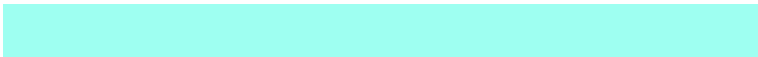
60.9140, 48.6935, 45.2188

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.



95.1550, 85.1400, 68.8540



65.7377, 85.1400, 96.1880



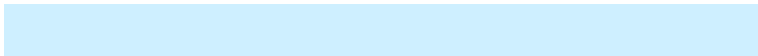
96.5003, 85.1400, 114.5050

Square

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



65.7377, 85.1400, 96.1880



82.1309, 85.1400, 147.4584



98.2834, 85.1400, 89.3032



79.7270, 85.1400, 53.5204

Rectangle

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



65.7377, 85.1400, 96.1880



71.7681, 85.1400, 135.9512



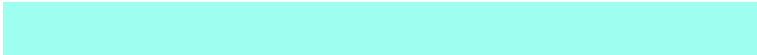
98.2834, 85.1400, 89.3032



90.8252, 85.1400, 59.7629

Sweetspot

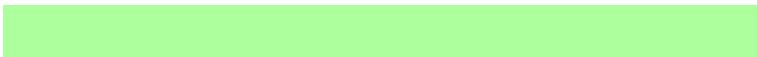
The Sweet Spot groups the original color and five complimentary colors.



65.7387, 85.1404, 96.1895



84.8278, 94.8048, 105.0553



59.0667, 82.8221, 45.2224



17.9088, 20.1663, 22.3868



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

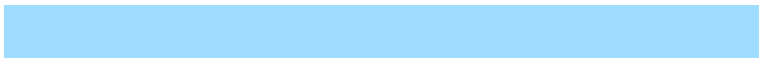
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7387, 85.1404, 96.1895



61.6348, 83.0750, 93.7308



58.0212, 66.2294, 104.3332



18.4355, 20.4337, 22.5963



25.3546, 40.0384, 41.3481



2.4982, 3.9102, 4.1812

Inverse Universe

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



60.9140, 48.6935, 45.2188



56.1707, 41.7051, 35.9363



66.2510, 61.4070, 40.7102



18.1161, 18.0298, 19.2288



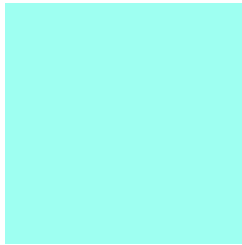
21.7536, 11.1907, 2.0872



2.1485, 1.1018, 0.3636

Previews

White Background



This preview shows how the XYZ color 65.7377, 85.1400, 96.1880 looks on a white background.

Color Contrast Check

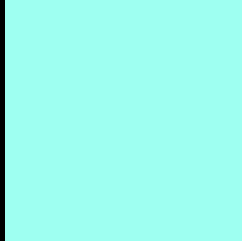
Large Text (above 18pt) WCAG AA × Fail

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 65.7377, 85.1400, 96.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

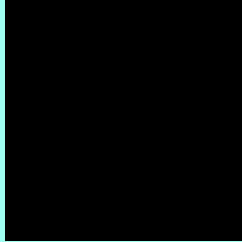
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7377, 85.1400, 96.1880

Background



This preview shows how black text looks on a background with the XYZ color 65.7377, 85.1400, 96.1880.



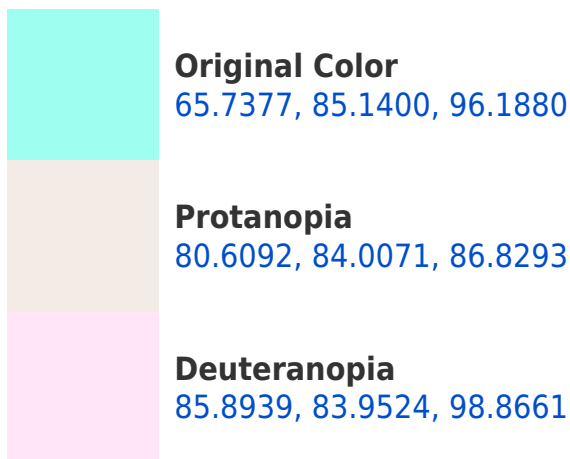
This preview shows how white text looks on a background with the XYZ color 65.7377, 85.1400,

96.1880.

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

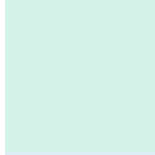
75.0293, 84.6179, 106.9862

Trichromacy



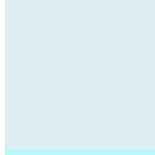
Original Color

65.7377, 85.1400, 96.1880



Protanomaly

73.4674, 83.2937, 90.0470



Deuteranomaly

76.4189, 82.8964, 97.5608



Tritanomaly

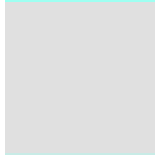
71.3162, 84.6017, 103.0135

Monochromacy



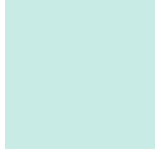
Original Color

65.7377, 85.1400, 96.1880



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.8107, 77.4092, 86.2304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7377, 85.1400, 96.1880 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(158, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 241)  
}
```

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(158, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.7377, 85.1400, 96.1880 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(158, 255, 241) }
```


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

```
.border{ border-color:rgb(158, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7377, 85.1400, 96.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 241) }
```

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

```
.background{ background-color: rgb(158,  
255, 241) }
```

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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