

Converting Colors

XYZ(73.1204, 100.0000,
95.5116)

Have a look what the booklet for
XYZ(73.1204, 100.0000, 95.5116)
contains.

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Color

**XYZ(65.7440, 85.2115,
93.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	A1FFED
RGB	161, 255, 237
RGB Percent	63%, 100%, 93%
CMY	0.3686, 0.0000, 0.0706
CMYK	0.37, 0.00, 0.07, 0.00
HSL	169°, 100%, 82%
HSV	169°, 37%, 100%
XYZ	65.7440, 85.2115, 93.1032
YIQ	224.8420, -50.2460, -25.5260

Conversions

Conversions Part 2

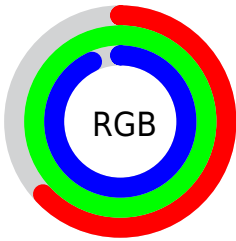
Format	Color
RYB	161, 213, 255
Decimal	10616813
CIELab	93.97, -31.84, -0.22
CIELCh	94, 31.837, 180.395
Yxy	85.2115, 0.2694, 0.3491
Android (android.graphics.Color)	4288806893 (0xFFA1FFED)
YUV	224.8420, 5.9939, -55.9894
Hunter-Lab	92.3101, -34.4135, 4.8176

Details

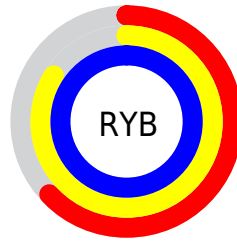
The XYZ color **65.7440, 85.2115, 93.1032** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.1223, 50.0056, 49.0264**, and the grayscale version is **71.4387, 75.1591, 81.8483**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **34.3603, 46.7276, 50.9244** is the 20% darker color. If you saturate the color by 10%, you get **60.4153, 82.5457, 89.1815**, and if you desaturate by 10%, it is **72.1419, 88.4261, 97.1792**.

Distribution



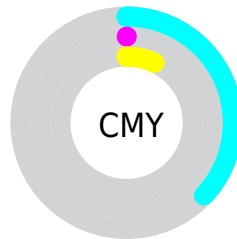
- Red (63%)
- Green (100%)
- Blue (93%)



- Red (63%)
- Yellow (84%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7440, 85.2115, 93.1032 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 65.7440, 85.2115, 93.1032 by changing the saturation by 10% instead.


 65.7440, 85.2115,
93.1032


 65.7440, 85.2115,
93.1032


434.9639,
512.3277, 558.9030

 48.3316, 64.0162,
69.9691


 112.1786,
140.6686, 153.6144

 34.3019, 46.6638,
51.0247


 141.9315,
175.6992, 191.8287

 23.2896, 32.7699,
35.8514


176.5285,
216.1103, 235.9067

 14.9294, 21.9502,
24.0307

216.3351,
262.2864, 286.2671

 8.8558, 13.8203,
15.1440

261.7165,
314.6117, 343.3284

 4.7036, 7.9958,
8.7727

313.0383,

 2.1074, 4.0923,

373.4708, 407.5091

4.4985

370.6656,
439.2480, 479.2278

■ 0.6932, 1.7253,
1.9026

■ 0.0000, 0.4400,
0.4944

■ 65.7440, 85.2115,
93.1032

■ 65.7440, 85.2115,
93.1032

■ 60.4153, 82.5457,
89.1815

■ 72.1419, 88.4261,
97.1792

■ 56.0886, 80.3943,
85.4059

■ 79.6649, 92.2186,
101.4086

■ 52.6937, 78.7211,
81.7737

■ 88.3686, 96.6174,
105.7963

■ 50.1496, 77.4842,
78.2804

95.0500, 100.0000,
108.9000

■ 48.3615, 76.6349,
74.9206

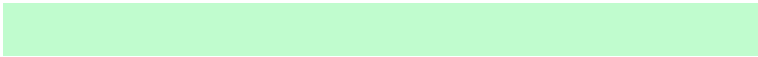
■ 47.2092, 76.1113,
71.6879

■ 46.9217, 75.9847,
70.6967

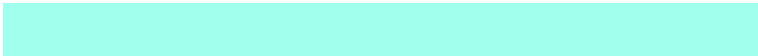
Harmonies

Analogous

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



67.6150, 85.2115, 71.5546



65.7440, 85.2115, 93.1032



67.7147, 85.2115, 118.4928

Triad

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



65.7440, 85.2115, 93.1032



89.5313, 85.2115, 139.2136



89.3233, 85.2115, 57.7898

Complementary

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



65.7440, 85.2115, 93.1032



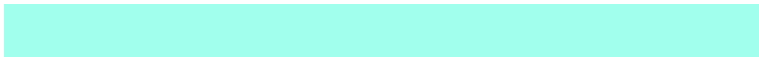
62.1223, 50.0056, 49.0264

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.



95.8981, 85.2115, 71.0866



65.7440, 85.2115, 93.1032



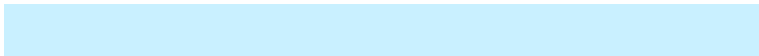
96.0240, 85.2115, 117.8375

Square

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



65.7440, 85.2115, 93.1032



81.1035, 85.2115, 147.8016



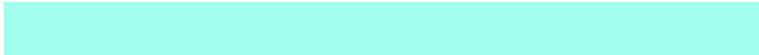
98.4299, 85.2115, 92.4592



80.8786, 85.2115, 53.4539

Rectangle

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



65.7440, 85.2115, 93.1032



71.0269, 85.2115, 133.6477



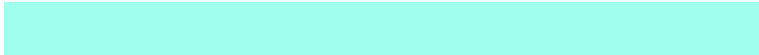
98.4299, 85.2115, 92.4592



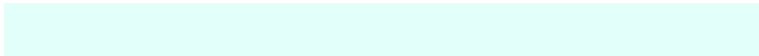
91.8459, 85.2115, 61.2303

Sweetspot

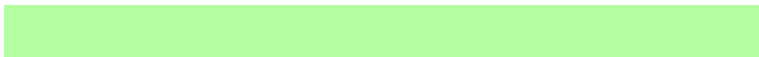
The Sweet Spot groups the original color and five complimentary colors.



65.7450, 85.2119, 93.1047



84.6200, 94.7216, 103.9610



60.9698, 83.7730, 46.6761



17.8590, 20.1464, 22.1245



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

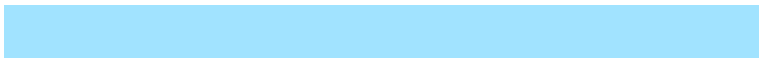
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7450, 85.2119, 93.1047



61.8350, 83.2546, 90.2888



60.1633, 69.6268, 104.8761



18.3969, 20.4183, 22.3932



24.5708, 39.7249, 37.2205



2.4289, 3.8825, 3.8165

Inverse Universe

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



62.1223, 50.0056, 49.0264



57.7589, 43.5355, 40.6153



65.9145, 60.3156, 41.8878



18.1515, 18.0439, 19.4148



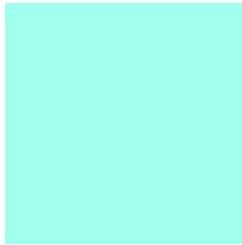
21.8768, 11.2400, 2.7356



2.1658, 1.1087, 0.4543

Previews

White Background



This preview shows how the XYZ color 65.7440, 85.2115, 93.1032 looks on a white background.

Color Contrast Check

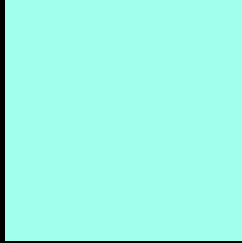
Large Text (above 18pt) WCAG AA × Fail

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 65.7440, 85.2115, 93.1032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

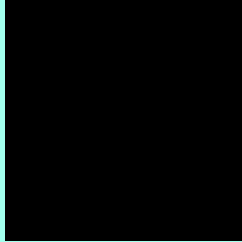
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7440, 85.2115, 93.1032

Background



This preview shows how black text looks on a background with the XYZ color 65.7440, 85.2115, 93.1032.

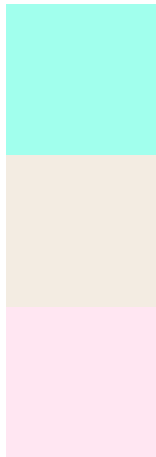


This preview shows how white text looks on a background with the XYZ color 65.7440, 85.2115,

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

65.7440, 85.2115, 93.1032

Protanopia

80.6851, 84.5366, 84.0161

Deuteranopia

85.5638, 84.2644, 95.7594



Tritanopia

75.3025, 84.7587, 106.9989

Trichromacy



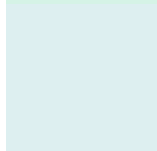
Original Color

65.7440, 85.2115, 93.1032



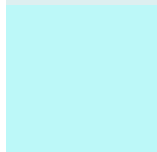
Protanomaly

73.7741, 83.9605, 87.1806



Deuteranomaly

76.4135, 83.3964, 94.5078



Tritanomaly

71.2497, 84.6035, 101.3818

Monochromacy



Original Color

65.7440, 85.2115, 93.1032



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.4954, 78.2046, 85.6136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7440, 85.2115, 93.1032 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(161, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 237)  
}
```

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(161, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 65.7440, 85.2115, 93.1032 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(161, 255, 237) }
```


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

```
.border{ border-color:rgb(161, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7440, 85.2115, 93.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 237) }
```

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

```
.background{ background-color: rgb(161,  
255, 237) }
```

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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