

Converting Colors

XYZ(63.3052, 83.8070, 99.6398)

Have a look what the booklet for
XYZ(63.3052, 83.8070, 99.6398)
contains.

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Color

**XYZ(63.3791, 83.8365,
100.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFFF6
RGB	141, 255, 246
RGB Percent	55%, 100%, 96%
CMY	0.4470, 0.0000, 0.0353
CMYK	0.45, 0.00, 0.04, 0.00
HSL	175°, 100%, 78%
HSV	175°, 45%, 100%
XYZ	63.3791, 83.8365, 100.0304
YIQ	219.8880, -65.0550, -26.9670

Conversions

Conversions Part 2

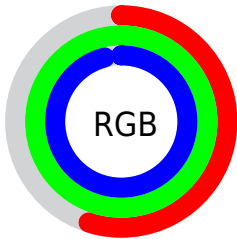
Format	Color
RYB	141, 200, 255
Decimal	9306102
CIELab	93.38, -34.64, -5.84
CIELCh	93, 35.129, 189.571
Yxy	83.8365, 0.2563, 0.3391
Android (android.graphics.Color)	4287496182 (0xFF8DFFF6)
YUV	219.8880, 12.8732, -69.1848
Hunter-Lab	91.5623, -36.6769, -0.6798

Details

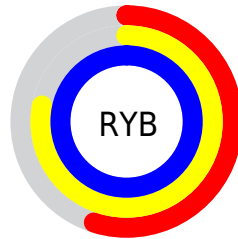
The XYZ color **63.3791, 83.8365, 100.0304** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.2709, 42.5134, 34.0957**, and the grayscale version is **67.8954, 71.4313, 77.7886**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **32.7966, 45.8113, 55.8291** is the 20% darker color. If you saturate the color by 10%, you get **59.2243, 81.7302, 98.2332**, and if you desaturate by 10%, it is **68.5375, 86.4599, 101.8950**.

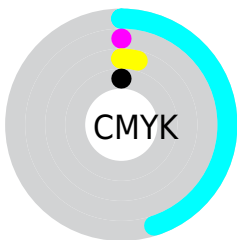
Distribution



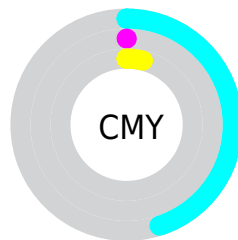
- Red (55%)
- Green (100%)
- Blue (96%)



- Red (55%)
- Yellow (78%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3791, 83.8365, 100.0304 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 63.3791, 83.8365, 100.0304 by changing the saturation by 10% instead.

 63.3791, 83.8365,
100.0304


 63.3791, 83.8365,
100.0304


426.5818,
507.7701, 581.5376

 46.4078, 62.8805,
75.7089


 108.7950,
138.7464, 163.2512

 32.7737, 45.7445,
55.6886


 137.9703,
173.4691, 202.9876

 22.1115, 32.0443,
39.5510


171.9442,
213.5495, 248.6993

 14.0559, 21.3953,
26.8775

211.0822,
259.3719, 300.8050

 8.2415, 13.4133,
17.2496

255.7497,
311.3208, 359.7231

 4.3030, 7.7137,
10.2488

306.3118,

 1.8749, 3.9123,

369.7805, 425.8723

5.4565

363.1341,
435.1355, 499.6709

■ 0.5622, 1.6246,
2.4541

■ 0.0000, 0.3741,
0.8157

■ 63.3791, 83.8365,
100.0304

■ 63.3791, 83.8365,
100.0304

■ 59.2243, 81.7302,
98.2332

■ 68.5375, 86.4599,
101.8950

■ 56.0004, 80.1033,
96.4955

■ 74.7592, 89.6310,
103.8254

■ 53.6301, 78.9161,
94.8152

■ 82.1028, 93.3801,
105.8259

■ 52.0222, 78.1216,
93.1878

■ 90.6218, 97.7348,
107.8990

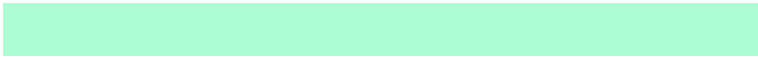
■ 51.0648, 77.6620, 95.0500, 100.0000,
91.6082 108.9000

■ 50.7368, 77.5107,
90.7869

Harmonies

Analogous

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



64.1310, 83.8365, 74.6106



63.3791, 83.8365, 100.0304



66.7276, 83.8365, 127.7880

Triad

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



63.3791, 83.8365, 100.0304



91.5778, 83.8365, 136.5218



86.0644, 83.8365, 51.3395

Complementary

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



63.3791, 83.8365, 100.0304



56.2709, 42.5134, 34.0957

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.



94.2178, 83.8365, 62.4914



63.3791, 83.8365, 100.0304



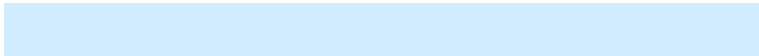
97.5681, 83.8365, 110.2722

Square

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



63.3791, 83.8365, 100.0304



82.6823, 83.8365, 151.3904



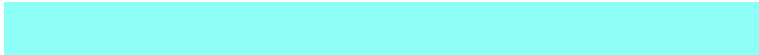
98.5700, 83.8365, 83.0623



76.7592, 83.8365, 49.6560

Rectangle

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



63.3791, 83.8365, 100.0304



70.9990, 83.8365, 142.7115



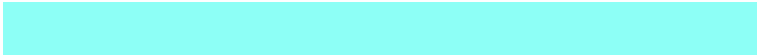
98.5700, 83.8365, 83.0623



89.0500, 83.8365, 53.9853

Sweetspot

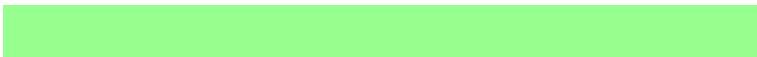
The Sweet Spot groups the original color and five complimentary colors.



63.3802, 83.8371, 100.0319



83.4698, 94.0785, 106.1739



53.2389, 79.9753, 37.8321



17.4883, 19.9437, 22.6292



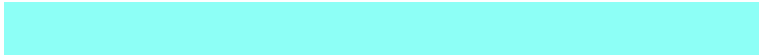
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



63.3802, 83.8371, 100.0319



59.4855, 81.8623, 98.3578



51.4701, 57.7525, 103.0423



18.4893, 20.4553, 22.8798



26.5371, 40.5114, 47.5749



2.6014, 3.9515, 4.7250

Inverse Universe

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



56.2709, 42.5134, 34.0957



51.5437, 35.6156, 24.6384



64.1390, 59.3650, 33.2794



18.0676, 18.0103, 18.9729



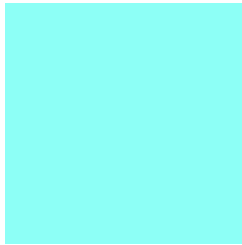
21.6357, 11.1436, 1.4661



2.1257, 1.0927, 0.2434

Previews

White Background



This preview shows how the XYZ color 63.3791, 83.8365, 100.0304 looks on a white background.

Color Contrast Check

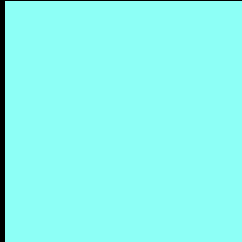
Large Text (above 18pt) WCAG AA × Fail

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 63.3791, 83.8365, 100.0304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

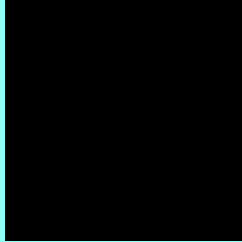
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3791, 83.8365, 100.0304

Background



This preview shows how black text looks on a background with the XYZ color 63.3791, 83.8365, 100.0304.

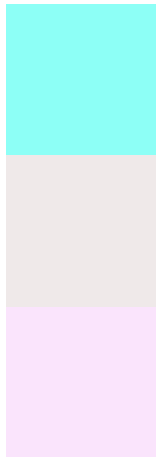


This preview shows how white text looks on a background with the XYZ color 63.3791, 83.8365,

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

63.3791, 83.8365, 100.0304

Protanopia

79.4435, 82.5117, 88.8300

Deuteranopia

84.7384, 82.8391, 103.6188



Tritanopia

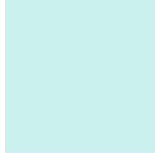
72.9064, 83.5235, 106.8868

Trichromacy



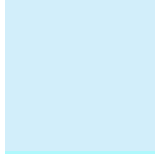
Original Color

63.3791, 83.8365, 100.0304



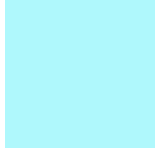
Protanomaly

71.5165, 81.7802, 92.9047



Deuteranomaly

74.4082, 81.7528, 102.3006



Tritanomaly

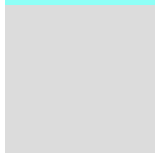
68.8173, 83.2770, 104.5425

Monochromacy



Original Color

63.3791, 83.8365, 100.0304



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.7676, 75.0113, 85.1938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3791, 83.8365, 100.0304 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(141, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 246)  
}
```

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(141, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 63.3791, 83.8365, 100.0304 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(141, 255, 246) }
```


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

```
.border{ border-color:rgb(141, 255, 246) }
```

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

Here you see how a box with a 4 pixel rgb(141, 255, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3791, 83.8365, 100.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 246) }
```

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

```
.background{ background-color: rgb(141,  
255, 246) }
```

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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