

Converting Colors

XYZ(63.6592, 83.8893,
104.1848)

Have a look what the booklet for
XYZ(63.6592, 83.8893, 104.1848)
contains.

XYZ(63.6538, 83.8883, 104.1039)	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(63.6538, 83.8883,
104.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	8AFFFB
RGB	138, 255, 251
RGB Percent	54%, 100%, 98%
CMY	0.4588, 0.0000, 0.0157
CMYK	0.46, 0.00, 0.02, 0.00
HSL	178°, 100%, 77%
HSV	178°, 46%, 100%
XYZ	63.6538, 83.8883, 104.1039
YIQ	219.5610, -68.4480, -26.0480

Conversions

Conversions Part 2

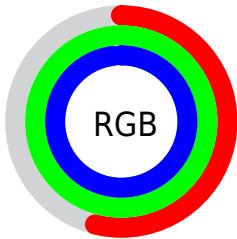
Format	Color
R_{YB}	138, 198, 255
Decimal	9109499
CIE _{Lab}	93.40, -34.11, -8.41
CIE _{LCh}	93, 35.127, 193.845
Yxy	83.8883, 0.2529, 0.3334
Android (android.graphics.Color)	4287299579 (0xFF8AFFFB)
YUV	219.5610, 15.4994, -71.5290
Hunter-Lab	91.5906, -36.2292, -3.2770

Details

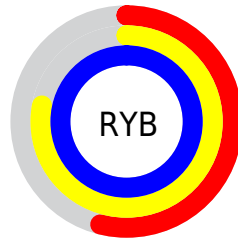
The XYZ color **63.6538, 83.8883, 104.1039** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.2119, 41.3915, 30.6718**, and the grayscale version is **67.6517, 71.1749, 77.5094**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **33.0249, 45.8648, 58.7420** is the 20% darker color. If you saturate the color by 10%, you get **59.7823, 81.9083, 103.2086**, and if you desaturate by 10%, it is **68.5185, 86.3802, 105.0519**.

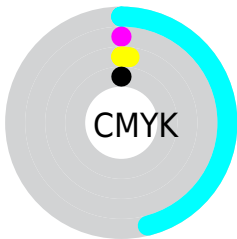
Distribution



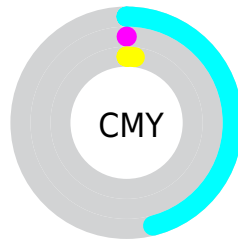
- Red (54%)
- Green (100%)
- Blue (98%)



- Red (54%)
- Yellow (78%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (46%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6538, 83.8883, 104.1039 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 63.6538, 83.8883, 104.1039 by changing the saturation by 10% instead.

 63.6538, 83.8883,
104.1039


 63.6538, 83.8883,
104.1039


427.5604,
507.9422, 594.6302

 46.6310, 62.9232,
79.0964


 109.1887,
138.8189, 168.8864

 32.9507, 45.7791,
58.4533


 138.4315,
173.5532, 209.4985

 22.2478, 32.0715,
41.7560

172.4784,
213.6461, 256.1492

 14.1567, 21.4161,
28.5862

211.6946,
259.4819, 309.2569

 8.3122, 13.4285,
18.5251

256.4455,
311.4450, 369.2404

 4.3488, 7.7243,
11.1543

307.0966,

 1.9013, 3.9190,

369.9198, 436.5181

6.0552

364.0131,
435.2908, 511.5085

■ 0.5776, 1.6284,
2.8094

■ 0.0000, 0.3766,
0.9981

■ 63.6538, 83.8883,
104.1039

■ 63.6538, 83.8883,
104.1039

■ 59.7823, 81.9083,
103.2086

■ 68.5185, 86.3802,
105.0519

■ 56.8302, 80.4022,
102.3582

■ 74.4365, 89.4150,
106.0510

■ 54.7192, 79.3296,
101.5505

■ 81.4671, 93.0234,
107.1055

■ 53.3560, 78.6425,
100.7810

■ 89.6645, 97.2332,
108.2179

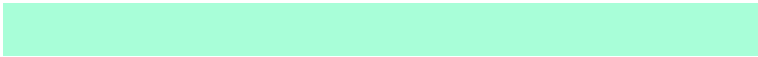
■ 52.6252, 78.2813, 95.0500, 100.0000,
100.0444 108.9000

■ 52.4384, 78.1914,
99.7473

Harmonies

Analogous

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



63.8139, 83.8883, 77.8647



63.6538, 83.8883, 104.1039



67.5605, 83.8883, 131.4457

Triad

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



63.6538, 83.8883, 104.1039



92.7242, 83.8883, 133.3084



84.7944, 83.8883, 50.5696

Complementary

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



63.6538, 83.8883, 104.1039



55.2119, 41.3915, 30.6718

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.



93.2869, 83.8883, 60.3548



63.6538, 83.8883, 104.1039



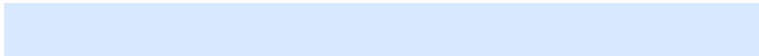
98.1018, 83.8883, 106.2869

Square

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



63.6538, 83.8883, 104.1039



84.0737, 83.8883, 150.3870



98.3154, 83.8883, 79.6647



75.5450, 83.8883, 50.2115

Rectangle

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



63.6538, 83.8883, 104.1039



72.1341, 83.8883, 145.2287



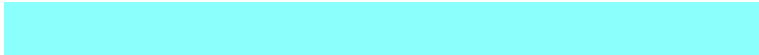
98.3154, 83.8883, 79.6647



87.8483, 83.8883, 52.7650

Sweetspot

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



63.6549, 83.8888, 104.1054



82.9179, 93.7683, 107.3101



51.8240, 79.2713, 36.6161



17.3923, 19.8877, 22.9186



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

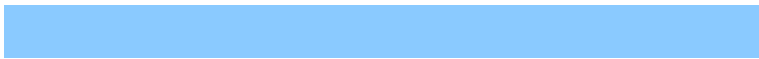
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.6549, 83.8888, 104.1054



60.0852, 82.0630, 103.2857



49.7353, 55.0302, 102.6083



18.5265, 20.4701, 23.0753



27.4122, 40.8615, 52.1831



2.6771, 3.9818, 5.1235

Inverse Universe

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



55.2119, 41.3915, 30.6718



50.7048, 34.8095, 21.6707



64.3830, 60.2054, 32.2741



18.0345, 17.9971, 18.7990



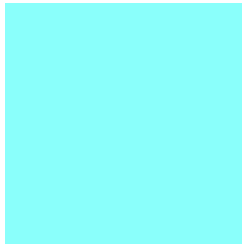
21.5846, 11.1231, 1.1970



2.1101, 1.0864, 0.1610

Previews

White Background



This preview shows how the XYZ color 63.6538, 83.8883, 104.1039 looks on a white background.

Color Contrast Check

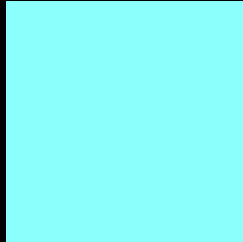
Large Text (above 18pt) WCAG AA × Fail

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 63.6538, 83.8883, 104.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

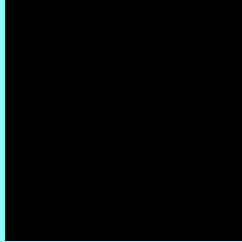
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

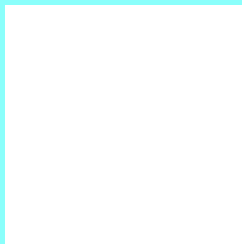
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6538, 83.8883, 104.1039

Background



This preview shows how black text looks on a background with the XYZ color 63.6538, 83.8883, 104.1039.

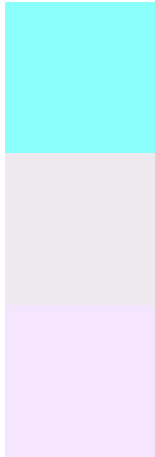


This preview shows how white text looks on a background with the XYZ color 63.6538, 83.8883,

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

63.6538, 83.8883, 104.1039

Protanopia

79.8314, 82.6280, 92.6302

Deuteranopia

84.0753, 82.8515, 106.1684



Tritanopia

72.6488, 83.3907, 106.8748

Trichromacy



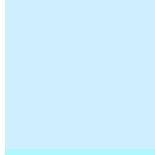
Original Color

63.6538, 83.8883, 104.1039



Protanomaly

71.9901, 81.9382, 96.8154



Deuteranomaly

74.1961, 81.5702, 105.6000



Tritanomaly

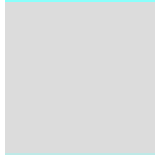
68.9124, 83.2892, 106.2103

Monochromacy



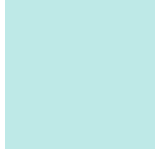
Original Color

63.6538, 83.8883, 104.1039



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.7979, 74.9945, 86.6615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6538, 83.8883, 104.1039 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(138, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(138, 255, 251)  
}
```

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(138, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 63.6538, 83.8883, 104.1039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

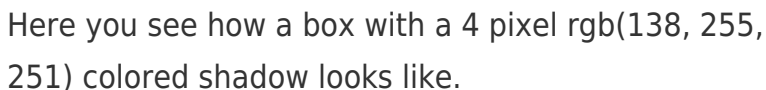
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 255, 251) }
```


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

```
.border{ border-color:rgb(138, 255, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 255, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 255, 251); box-shadow:4px 4px 4px 4px rgb(138, 255, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6538, 83.8883, 104.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 255, 251) }
```

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

```
.background{ background-color: rgb(138,  
255, 251) }
```

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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