

Converting Colors

XYZ(61.4255, 80.8649,
103.6378)

Have a look what the booklet for
XYZ(61.4255, 80.8649, 103.6378)
contains.

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Color

**XYZ(61.4255, 80.8649,
103.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	84FBFB
RGB	132, 251, 251
RGB Percent	52%, 98%, 98%
CMY	0.4823, 0.0157, 0.0157
CMYK	0.47, 0.00, 0.00, 0.02
HSL	180°, 94%, 75%
HSV	180°, 47%, 98%
XYZ	61.4255, 80.8649, 103.6378
YIQ	215.4190, -70.9240, -25.2280

Conversions

Conversions Part 2

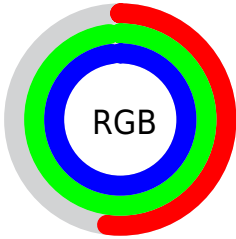
Format	Color
RYB	132, 192, 251
Decimal	8715259
CIELab	92.07, -33.54, -10.41
CIElCh	92, 35.114, 197.237
Yxy	80.8649, 0.2498, 0.3288
Android (android.graphics.Color)	4286905339 (0xFF84FBFB)
YUV	215.4190, 17.5414, -73.1585
Hunter-Lab	89.9249, -35.4396, -5.3838

Details

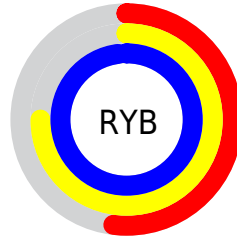
The XYZ color **61.4255, 80.8649, 103.6378** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.2026, 38.6802, 26.5473**, and the grayscale version is **64.7967, 68.1711, 74.2384**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **31.5964, 43.7889, 58.4166** is the 20% darker color. If you saturate the color by 10%, you get **57.9632, 79.0819, 103.4771**, and if you desaturate by 10%, it is **65.8367, 83.1408, 103.8464**.

Distribution



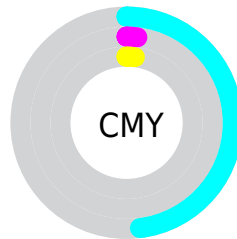
- Red (52%)
- Green (98%)
- Blue (98%)



- Red (52%)
- Yellow (75%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (48%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4255, 80.8649, 103.6378 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 61.4255, 80.8649, 103.6378 by changing the saturation by 10% instead.


 61.4255, 80.8649,
103.6378


 61.4255, 80.8649,
103.6378


419.5834,
497.8428, 593.1399


 44.8225, 60.4303,
78.7083


 105.9894,
134.5811, 168.2428

 31.5183, 43.7656,
58.1361


 134.6810,
168.6314, 208.7553

 21.1476, 30.4863,
41.5027


 168.1329,
207.9892, 255.2993

 13.3450, 20.2080,
28.3894

206.7104,
253.0388, 308.2933

 7.7452, 12.5463,
18.3778

250.7788,
304.1645, 368.1558

 3.9828, 7.1169,
11.0493

300.7036,

 1.6924, 3.5353,

361.7509, 435.3054

5.9854

356.8500,
426.1822, 510.1606

■ 0.4515, 1.4172,
2.7676

■ 0.0000, 0.2293,
0.9772

■ 61.4255, 80.8649,
103.6378

■ 61.4255, 80.8649,
103.6378

■ 57.9632, 79.0819,
103.4771

■ 65.8367, 83.1408,
103.8464

■ 55.3739, 77.7471,
103.3556

■ 71.2517, 85.9323,
104.1003

■ 53.5816, 76.8231,
103.2713

■ 77.7295, 89.2718,
104.4038

■ 52.4944, 76.2627,
103.2200

■ 85.3227, 93.1862,
104.7596

■ 51.9923, 76.0039,
103.1961

■ 93.1517, 97.2222,
105.1264

■ 51.9109, 75.9619,
103.1922

■ 93.1518, 97.2222,
105.1268

■ 93.1519, 97.2223,
105.1272

■ 93.1519, 97.2223,
105.1276

■ 93.1520, 97.2223,
105.1281

Harmonies

Analogous

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



61.1236, 80.8649, 77.5025



61.4255, 80.8649, 103.6378



65.6520, 80.8649, 129.8836

Triad

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



61.4255, 80.8649, 103.6378



90.3397, 80.8649, 126.3553



80.7638, 80.8649, 47.8758

Complementary

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



61.4255, 80.8649, 103.6378



52.2026, 38.6802, 26.5473

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.



89.2753, 80.8649, 56.3254



61.4255, 80.8649, 103.6378



95.0883, 80.8649, 99.5094

Square

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



61.4255, 80.8649, 103.6378



82.1261, 80.8649, 144.6618



94.6842, 80.8649, 74.1059



71.8234, 80.8649, 48.5489

Rectangle

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



61.4255, 80.8649, 103.6378



70.3287, 80.8649, 142.3883



94.6842, 80.8649, 74.1059



83.7829, 80.8649, 49.6610

Sweetspot

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



61.4279, 80.8680, 103.6397



83.1136, 93.8466, 108.3408



48.4935, 75.7304, 33.8934



17.4406, 19.9070, 23.1730



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.



61.4279, 80.8680, 103.6397



60.1965, 82.0324, 107.2665



46.1079, 50.2274, 98.5349



17.7659, 19.6086, 22.2337



27.2855, 39.9272, 54.2400



2.5271, 3.6979, 5.0236

Inverse Universe

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



52.2026, 38.6802, 26.5473



49.5738, 33.4547, 18.4975



62.2604, 58.7961, 29.8991



17.2447, 17.2252, 17.8784



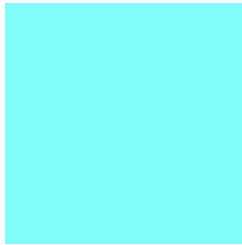
20.9119, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 61.4255, 80.8649, 103.6378 looks on a white background.

Color Contrast Check

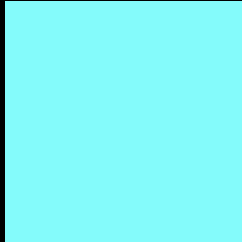
Large Text (above 18pt) WCAG AA × Fail

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 61.4255, 80.8649, 103.6378 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 61.4255, 80.8649, 103.6378

Background



This preview shows how black text looks on a background with the XYZ color 61.4255, 80.8649, 103.6378.

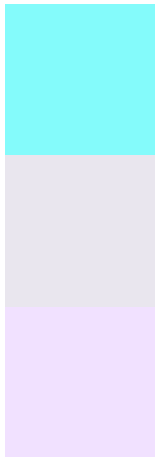


This preview shows how white text looks on a background with the XYZ color 61.4255, 80.8649,

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

61.4255, 80.8649, 103.6378

Protanopia

77.3337, 80.0903, 92.2720

Deuteranopia

81.2508, 79.7712, 105.7227



Tritanopia

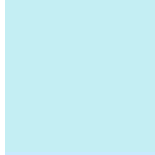
68.6245, 80.4276, 106.5149

Trichromacy



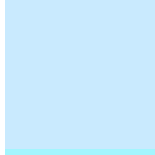
Original Color

61.4255, 80.8649, 103.6378



Protanomaly

69.5171, 79.3559, 96.4473



Deuteranomaly

71.3996, 78.4189, 105.1391



Tritanomaly

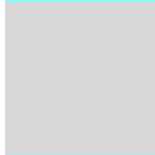
65.6461, 80.2471, 105.7953

Monochromacy



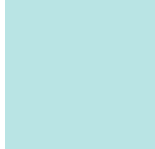
Original Color

61.4255, 80.8649, 103.6378



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.7546, 71.4025, 83.9260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4255, 80.8649, 103.6378 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(132, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(132, 251, 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(132, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 251, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.4255, 80.8649, 103.6378 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(132, 251, 251) }
```


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

```
.border{ border-color:rgb(132, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(132, 251,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4255, 80.8649, 103.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 251, 251) }
```

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

```
.background{ background-color: rgb(132,  
251, 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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