

Converting Colors

XYZ(63.3842, 82.9670,
102.5919)

Have a look what the booklet for
XYZ(63.3842, 82.9670, 102.5919)
contains.

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Color

**XYZ(63.2087, 82.7528,
102.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFDF9
RGB	141, 253, 249
RGB Percent	55%, 99%, 98%
CMY	0.4470, 0.0078, 0.0235
CMYK	0.44, 0.00, 0.02, 0.01
HSL	178°, 97%, 77%
HSV	178°, 44%, 99%
XYZ	63.2087, 82.7528, 102.2640
YIQ	219.0560, -65.4680, -24.9880

Conversions

Conversions Part 2

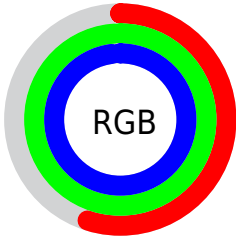
Format	Color
RYB	141, 198, 253
Decimal	9305593
CIELab	92.91, -32.99, -8.09
CIELCh	93, 33.969, 193.783
Yxy	82.7528, 0.2546, 0.3334
Android (android.graphics.Color)	4287495673 (0xFF8DFDF9)
YUV	219.0560, 14.7624, -68.4551
Hunter-Lab	90.9686, -35.1659, -2.9740

Details

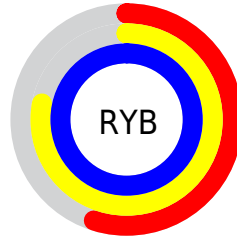
The XYZ color **63.2087, 82.7528, 102.2640** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.1466, 41.9793, 31.9874**, and the grayscale version is **67.3063, 70.8115, 77.1137**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **32.6738, 45.0356, 57.4227** is the 20% darker color. If you saturate the color by 10%, you get **59.2483, 80.7294, 101.3460**, and if you desaturate by 10%, it is **68.1572, 85.2895, 103.2354**.

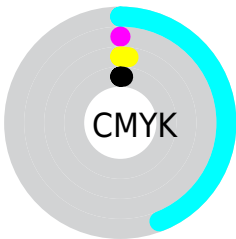
Distribution



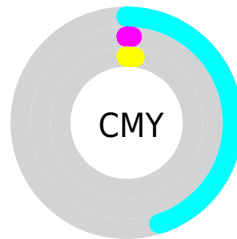
- Red (55%)
- Green (99%)
- Blue (98%)



- Red (55%)
- Yellow (78%)
- Blue (99%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (45%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2087, 82.7528, 102.2640 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 63.2087, 82.7528, 102.2640 by changing the saturation by 10% instead.


 63.2087, 82.7528,
102.2640


 63.2087, 82.7528,
102.2640


425.9741,
504.1623, 588.7357

 46.2693, 61.9862,
77.5653


 108.5507,
137.2292, 166.3439

 32.6639, 45.0216,
57.2026


 137.6840,
171.7078, 206.5622

 22.0271, 31.4744,
40.7575

171.6127,
211.5259, 252.7906

 13.9935, 20.9604,
27.8114

210.7021,
257.0679, 305.4479

 8.1979, 13.0950,
17.9457

255.3176,
308.7181, 364.9525

 4.2747, 7.4940,
10.7420

305.8245,

 1.8587, 3.7729,

366.8610, 431.7230

5.7816

362.5883,
431.8809, 506.1779

■ 0.5526, 1.5474,
2.6461

■ 0.0000, 0.3217,
0.9161

■ 63.2087, 82.7528,
102.2640

■ 63.2087, 82.7528,
102.2640

■ 59.2483, 80.7294,
101.3460

■ 68.1572, 85.2895,
103.2354

■ 56.2009, 79.1745,
100.4725

■ 74.1478, 88.3614,
104.2573

■ 53.9925, 78.0522,
99.6417

■ 81.2395, 92.0007,
105.3343

■ 52.5344, 77.3165,
98.8496

■ 89.4844, 96.2346,
106.4688

■ 51.7179, 76.9116,
98.0911

94.1796, 98.6384,
107.4408

■ 51.4501, 76.7826,
97.6672

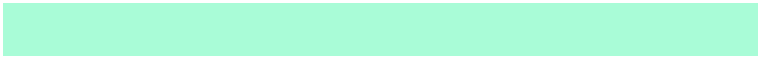
94.3244, 98.6963,
108.2034

94.4166, 98.7332,
108.6889

Harmonies

Analogous

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



63.3711, 82.7528, 77.1250



63.2087, 82.7528, 102.2640



66.9592, 82.7528, 128.3531

Triad

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



63.2087, 82.7528, 102.2640



91.0704, 82.7528, 130.2214



83.5197, 82.7528, 50.8319

Complementary

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



63.2087, 82.7528, 102.2640



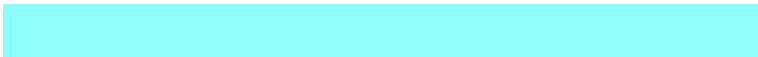
55.1466, 41.9793, 31.9874

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.



91.6370, 82.7528, 60.3257



63.2087, 82.7528, 102.2640



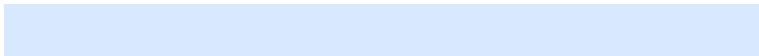
96.2156, 82.7528, 104.4624

Square

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



63.2087, 82.7528, 102.2640



82.7927, 82.7528, 146.4313



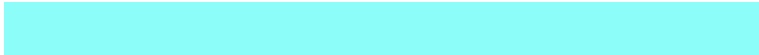
96.4304, 82.7528, 78.9478



74.6556, 82.7528, 50.4657

Rectangle

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



63.2087, 82.7528, 102.2640



71.3493, 82.7528, 141.4809



96.4304, 82.7528, 78.9478



86.4411, 82.7528, 52.9673

Sweetspot

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



63.2111, 82.7560, 102.2659



83.6981, 94.1699, 107.3762



51.8966, 78.3430, 37.5878



17.5454, 19.9666, 22.9297



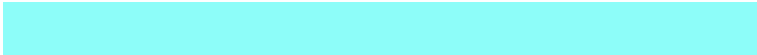
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



63.2111, 82.7560, 102.2659



60.7670, 82.4152, 103.2875



49.9783, 55.2806, 100.9681



18.5252, 20.4696, 23.0685



27.3807, 40.8489, 52.0176



2.6744, 3.9807, 5.1092

Inverse Universe

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



55.1466, 41.9793, 31.9874



51.6197, 36.1294, 23.5479



64.0368, 60.2450, 33.4547



18.0357, 17.9976, 18.8051



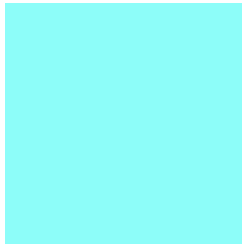
21.5862, 11.1238, 1.2056



2.1106, 1.0866, 0.1639

Previews

White Background



This preview shows how the XYZ color 63.2087, 82.7528, 102.2640 looks on a white background.

Color Contrast Check

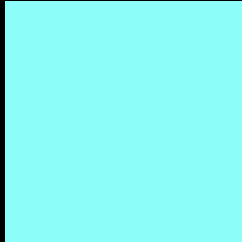
Large Text (above 18pt) WCAG AA × Fail

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 63.2087, 82.7528, 102.2640 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 63.2087, 82.7528, 102.2640

Background



This preview shows how black text looks on a background with the XYZ color 63.2087, 82.7528, 102.2640.

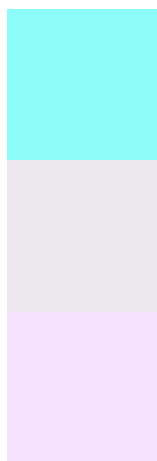


This preview shows how white text looks on a background with the XYZ color 63.2087, 82.7528,

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

63.2087, 82.7528, 102.2640

Protanopia

78.7347, 81.6605, 91.7331

Deuteranopia

83.5251, 81.7510, 105.9850



Tritanopia

71.3358, 82.2683, 106.7273

Trichromacy



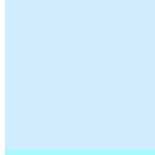
Original Color

63.2087, 82.7528, 102.2640



Protanomaly

71.1247, 81.0886, 95.1221



Deuteranomaly

73.7375, 80.4927, 104.5788



Tritanomaly

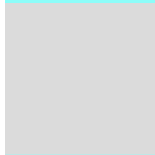
68.0036, 82.3840, 105.2460

Monochromacy



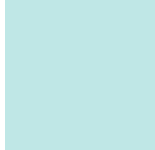
Original Color

63.2087, 82.7528, 102.2640



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.3447, 73.9414, 85.7437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2087, 82.7528, 102.2640 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, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(141, 253, 249)  
}
```

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, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 253, 249) }
```

Border

The CSS property to change the border of an element to XYZ 63.2087, 82.7528, 102.2640 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, 253, 249) }
```


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

```
.border{ border-color:rgb(141, 253, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(141, 253,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2087, 82.7528, 102.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 253, 249) }
```

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

```
.background{ background-color: rgb(141,  
253, 249) }
```

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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