

Converting Colors

XYZ(63.2531, 82.2123,
104.5828)

Have a look what the booklet for
XYZ(63.2531, 82.2123, 104.5828)
contains.

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Color

**XYZ(63.3656, 82.3118,
104.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFCFC
RGB	141, 252, 252
RGB Percent	55%, 99%, 99%
CMY	0.4470, 0.0117, 0.0118
CMYK	0.44, 0.00, 0.00, 0.01
HSL	180°, 95%, 77%
HSV	180°, 44%, 99%
XYZ	63.3656, 82.3118, 104.6435
YIQ	218.8110, -66.1560, -23.5320

Conversions

Conversions Part 2

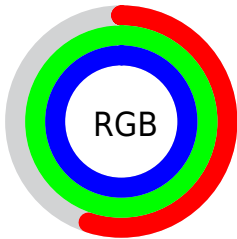
Format	Color
RYB	141, 197, 252
Decimal	9305340
CIELab	92.71, -31.80, -9.93
CIELCh	93, 33.311, 197.352
Yxy	82.3118, 0.2531, 0.3288
Android (android.graphics.Color)	4287495420 (0xFF8DFCFC)
YUV	218.8110, 16.3622, -68.2402
Hunter-Lab	90.7259, -34.1006, -4.8772

Details

The XYZ color **63.3656, 82.3118, 104.6435** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.4803, 41.6708, 30.3741**, and the grayscale version is **67.1262, 70.6219, 76.9073**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **32.6737, 44.6758, 58.5310** is the 20% darker color. If you saturate the color by 10%, you get **59.5591, 80.3514, 104.4667**, and if you desaturate by 10%, it is **68.1518, 84.7811, 104.8698**.

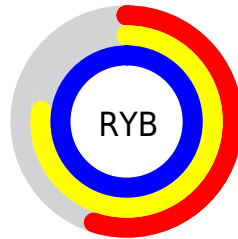
Distribution



Red (55%)

Green (99%)

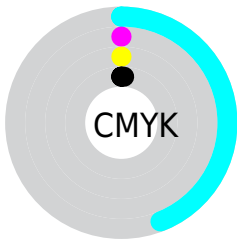
Blue (99%)



Red (55%)

Yellow (77%)

Blue (99%)

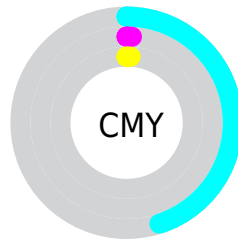


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (1%)



Cyan (45%)


Magenta (1%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3656, 82.3118, 104.6435 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 63.3656, 82.3118, 104.6435 by changing the saturation by 10% instead.


 63.3656, 82.3118,
104.6435


 63.3656, 82.3118,
104.6435


426.5337,
502.6901, 596.3531

 46.3968, 61.6226,
79.5457


 108.7756,
136.6112, 169.6312

 32.7650, 44.7278,
58.8206


 137.9476,
170.9901, 210.3583

 22.1049, 31.2431,
42.0497

171.9180,
210.7011, 257.1322

 14.0510, 20.7840,
28.8143

211.0521,
256.1284, 310.3714

 8.2381, 12.9662,
18.6960

255.7154,
307.6566, 370.4946

 4.3008, 7.4053,
11.2763

306.2732,

 1.8736, 3.7168,

365.6700, 437.9203

6.1365

363.0909,
430.5530, 513.0669

■ 0.5615, 1.5165,
2.8581

■ 0.0000, 0.3003,
1.0227

■ 63.3656, 82.3118,
104.6435

■ 63.3656, 82.3118,
104.6435

■ 59.5591, 80.3514,
104.4667

■ 68.1518, 84.7811,
104.8698

■ 56.6580, 78.8559,
104.3305

■ 73.9709, 87.7810,
105.1426

■ 54.5892, 77.7894,
104.2332

■ 80.8813, 91.3434,
105.4665

■ 53.2653, 77.1069,
104.1707

■ 88.9347, 95.4951,
105.8438

■ 52.5793, 76.7533,
104.1382

■ 93.6231, 97.9120,
106.0637

■ 52.3822, 76.6516,
104.1286

■ 93.6232, 97.9121,
106.0642

■ 93.6233, 97.9121,
106.0647

■ 93.6234, 97.9121,
106.0651

■ 93.6235, 97.9122,
106.0656

Harmonies

Analogous

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



63.0581, 82.3118, 79.5627



63.3656, 82.3118, 104.6435



67.4668, 82.3118, 129.5646

Triad

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



63.3656, 82.3118, 104.6435



91.1599, 82.3118, 126.0511



81.9453, 82.3118, 50.6169

Complementary

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



63.3656, 82.3118, 104.6435



54.4803, 41.6708, 30.3741

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.



90.0918, 82.3118, 58.8711



63.3656, 82.3118, 104.6435



95.6701, 82.3118, 100.4987

Square

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



63.3656, 82.3118, 104.6435



83.3173, 82.3118, 143.4072



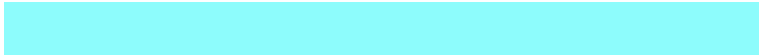
95.2654, 82.3118, 76.1144



73.3635, 82.3118, 51.3136

Rectangle

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



63.3656, 82.3118, 104.6435



71.9844, 82.3118, 141.3513



95.2654, 82.3118, 76.1144



84.8371, 82.3118, 52.3619

Sweetspot

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



63.3680, 82.3150, 104.6454



83.8882, 94.2459, 108.3770



50.9224, 77.3734, 37.4519



17.5930, 19.9856, 23.1801



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.



63.3680, 82.3150, 104.6454



61.5344, 82.7222, 107.3289



48.8319, 53.2422, 99.8020



17.7659, 19.6086, 22.2337



27.2854, 39.9272, 54.2397



2.5271, 3.6979, 5.0236

Inverse Universe

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



54.4803, 41.6708, 30.3741



51.3197, 36.0094, 21.9682



64.3923, 61.4951, 33.6771



17.2447, 17.2252, 17.8784



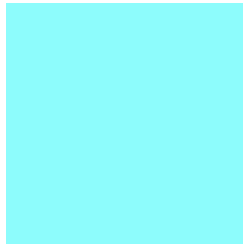
20.9119, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 63.3656, 82.3118, 104.6435 looks on a white background.

Color Contrast Check

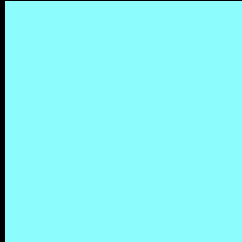
Large Text (above 18pt) WCAG AA × Fail

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 63.3656, 82.3118, 104.6435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

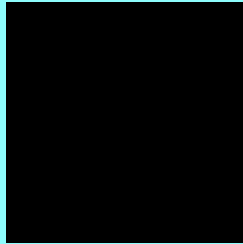
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

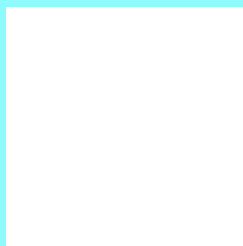
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3656, 82.3118, 104.6435

Background



This preview shows how black text looks on a background with the XYZ color 63.3656, 82.3118, 104.6435.

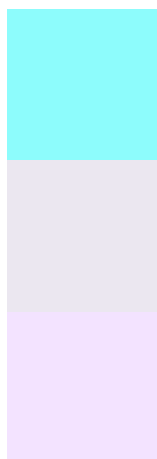


This preview shows how white text looks on a background with the XYZ color 63.3656, 82.3118,

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

63.3656, 82.3118, 104.6435

Protanopia

78.5650, 81.1053, 93.9521

Deuteranopia

82.4812, 81.2129, 105.9362



Tritanopia

70.8396, 82.0126, 106.7041

Trichromacy



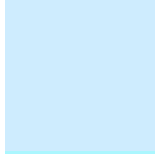
Original Color

63.3656, 82.3118, 104.6435



Protanomaly

71.2830, 80.6822, 97.4041



Deuteranomaly

73.3384, 80.2685, 105.3939



Tritanomaly

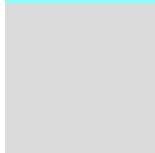
67.6397, 81.7252, 105.9755

Monochromacy



Original Color

63.3656, 82.3118, 104.6435



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.4856, 73.9977, 86.4855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3656, 82.3118, 104.6435 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, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(141, 252, 252)  
}
```

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, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 252, 252) }
```

Border

The CSS property to change the border of an element to XYZ 63.3656, 82.3118, 104.6435 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, 252, 252) }
```


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

```
.border{ border-color:rgb(141, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(141, 252,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3656, 82.3118, 104.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 252, 252) }
```

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

```
.background{ background-color: rgb(141,  
252, 252) }
```

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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