

Converting Colors

XYZ(68.8856, 100.0000,
85.6281)

Have a look what the booklet for
XYZ(68.8856, 100.0000, 85.6281)
contains.

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Color

**XYZ(60.0638, 82.5104,
82.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFFDF
RGB	141, 255, 223
RGB Percent	55%, 100%, 87%
CMY	0.4470, 0.0000, 0.1255
CMYK	0.45, 0.00, 0.13, 0.00
HSL	163°, 100%, 78%
HSV	163°, 45%, 100%
XYZ	60.0638, 82.5104, 82.5725
YIQ	217.2660, -57.6720, -34.1200

Conversions

Conversions Part 2

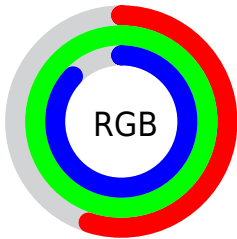
Format	Color
RYB	141, 207, 255
Decimal	9306079
CIELab	92.80, -39.89, 5.20
CIElCh	93, 40.232, 172.572
Yxy	82.5104, 0.2668, 0.3665
Android (android.graphics.Color)	4287496159 (0xFF8DFFDF)
YUV	217.2660, 2.8269, -66.8853
Hunter-Lab	90.8352, -40.9305, 9.6879

Details

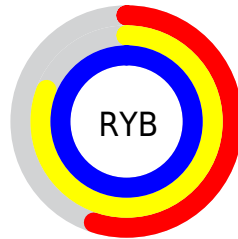
The XYZ color **60.0638, 82.5104, 82.5725** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.3084, 43.3281, 44.8260**, and the grayscale version is **66.1454, 69.5902, 75.7837**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **30.7416, 45.0092, 44.1132** is the 20% darker color. If you saturate the color by 10%, you get **55.2712, 80.1489, 77.4175**, and if you desaturate by 10%, it is **65.8971, 85.4037, 87.9920**.

Distribution



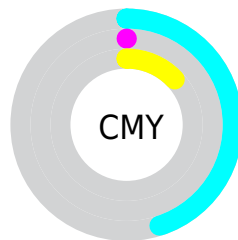
- Red (55%)
- Green (100%)
- Blue (87%)



- Red (55%)
- Yellow (81%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0638, 82.5104, 82.5725 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 60.0638, 82.5104, 82.5725 by changing the saturation by 10% instead.


 60.0638, 82.5104,
82.5725


 60.0638, 82.5104,
82.5725


414.6639,
503.3534, 523.4943

 43.7197, 61.7863,
61.2990


 104.0280,
136.8895, 138.8204

 30.6472, 44.8601,
44.0344


 132.3789,
171.3134, 174.6319

 20.4808, 31.3472,
30.3601


165.4627,
211.0726, 216.1265

 12.8553, 20.8634,
19.8577

203.6449,
256.5516, 263.7227

 7.4053, 13.0242,
12.1086

247.2907,
308.1348, 317.8390

 3.7654, 7.4452,
6.6943

296.7656,

 1.5703, 3.7421,

366.2066, 378.8940

3.1961

352.4349,
431.1513, 447.3063

■ 0.3729, 1.5303,
1.1956

■ 0.0000, 0.3099,
0.0000

■ 60.0638, 82.5104,
82.5725

■ 60.0638, 82.5104,
82.5725

■ 55.2712, 80.1489,
77.4175

■ 65.8971, 85.4037,
87.9920

■ 51.4467, 78.2818,
72.5168

■ 72.8317, 88.8600,
93.6772

■ 48.5122, 76.8689,
67.8655

■ 80.9266, 92.9096,
99.6347

■ 46.3762, 75.8632,
63.4566

■ 90.2360, 97.5804,
105.8696

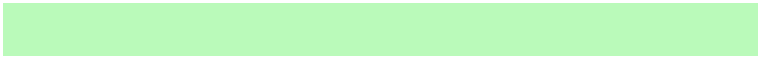
■ 44.9260, 75.2065, 95.0500, 100.0000,
59.2822 108.9000

■ 44.3514, 74.9566,
57.1616

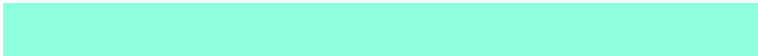
Harmonies

Analogous

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



63.4626, 82.5104, 59.0891



60.0638, 82.5104, 82.5725



61.2237, 82.5104, 113.9046

Triad

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



60.0638, 82.5104, 82.5725



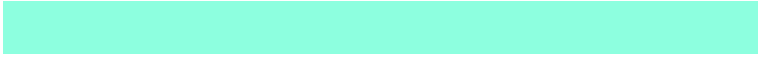
86.4290, 82.5104, 154.4843



91.3411, 82.5104, 51.3106

Complementary

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



60.0638, 82.5104, 82.5725



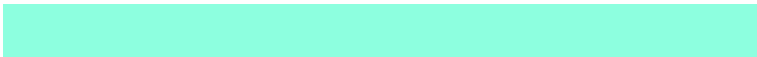
58.3084, 43.3281, 44.8260

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.



98.5764, 82.5104, 69.4282



60.0638, 82.5104, 82.5725



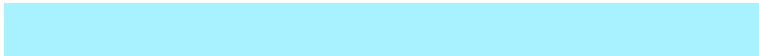
95.5686, 82.5104, 129.7489

Square

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



60.0638, 82.5104, 82.5725



75.8433, 82.5104, 160.2131



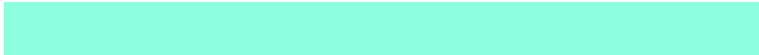
100.1887, 82.5104, 97.5215



81.0619, 82.5104, 43.8467

Rectangle

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



60.0638, 82.5104, 82.5725



64.4793, 82.5104, 134.8939



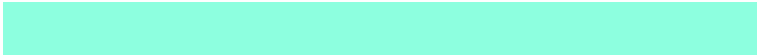
100.1887, 82.5104, 97.5215



94.2461, 82.5104, 56.1337

Sweetspot

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



60.0647, 82.5109, 82.5739



82.4260, 93.6610, 100.6776



57.8686, 82.3620, 38.0482



17.2284, 19.8398, 21.2604



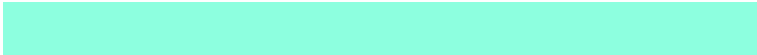
0.0000, 0.0000, 0.0000



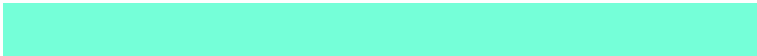
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0647, 82.5109, 82.5739



55.5763, 80.2986, 77.7723



57.4158, 69.6443, 105.0243



18.3246, 20.3894, 22.0124



23.2416, 39.1932, 30.2210



2.3096, 3.8348, 3.1883

Inverse Universe

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



58.3084, 43.3281, 44.8260



53.6329, 36.4513, 35.6400



59.6303, 50.3478, 31.7760



18.2189, 18.0709, 19.7700



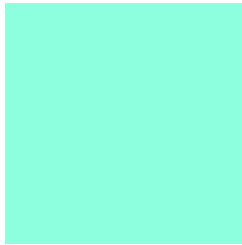
22.2072, 11.3722, 4.4757



2.2064, 1.1250, 0.6686

Previews

White Background



This preview shows how the XYZ color 60.0638, 82.5104, 82.5725 looks on a white background.

Color Contrast Check

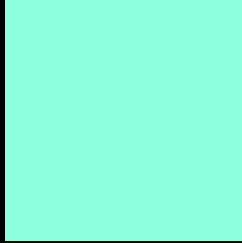
Large Text (above 18pt) WCAG AA × Fail

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 60.0638, 82.5104, 82.5725 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

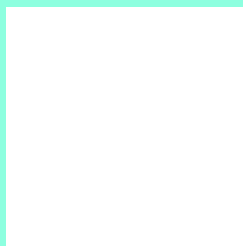
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0638, 82.5104, 82.5725

Background



This preview shows how black text looks on a background with the XYZ color 60.0638, 82.5104, 82.5725.

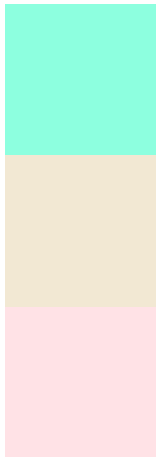


This preview shows how white text looks on a background with the XYZ color 60.0638, 82.5104,

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

60.0638, 82.5104, 82.5725

Protanopia

77.2324, 81.2936, 73.2487

Deuteranopia

82.7193, 81.3659, 86.2083



Tritanopia

71.0373, 81.6714, 106.6278

Trichromacy



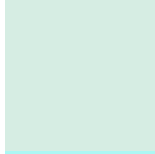
Original Color

60.0638, 82.5104, 82.5725



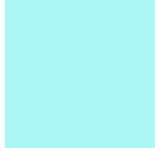
Protanomaly

68.6027, 80.2056, 76.1555



Deuteranomaly

71.8809, 80.4106, 84.4053



Tritanomaly

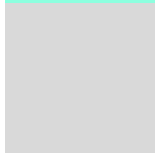
66.4517, 81.7632, 97.0735

Monochromacy



Original Color

60.0638, 82.5104, 82.5725



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.3484, 73.0851, 77.8386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0638, 82.5104, 82.5725 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 60.0638, 82.5104, 82.5725 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, 223) }
```


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

```
.border{ border-color:rgb(141, 255, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0638, 82.5104, 82.5725 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, 223) }
```

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

```
.background{ background-color: rgb(141,  
255, 223) }
```

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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