

Converting Colors

XYZ(58.7947, 81.9765, 74.4351)

Have a look what the booklet for
XYZ(58.7947, 81.9765, 74.4351)
contains.

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Color

**XYZ(58.8456, 82.0628,
74.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFFD3
RGB	143, 255, 211
RGB Percent	56%, 100%, 83%
CMY	0.4392, 0.0000, 0.1725
CMYK	0.44, 0.00, 0.17, 0.00
HSL	156°, 100%, 78%
HSV	156°, 44%, 100%
XYZ	58.8456, 82.0628, 74.3662
YIQ	216.4960, -52.6280, -37.4280

Conversions

Conversions Part 2

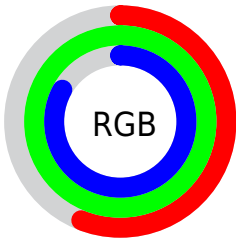
Format	Color
RYB	143, 213, 255
Decimal	9437139
CIELab	92.60, -41.97, 11.12
CIElCh	93, 43.412, 165.165
Yxy	82.0628, 0.2734, 0.3812
Android (android.graphics.Color)	4287627219 (0xFF8FFFD3)
YUV	216.4960, -2.7095, -64.4560
Hunter-Lab	90.5885, -42.5777, 14.7394

Details

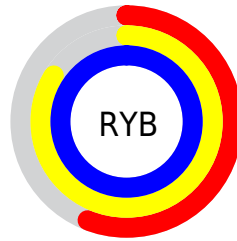
The XYZ color **58.8456, 82.0628, 74.3662** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.0327, 44.4938, 52.4385**, and the grayscale version is **65.6523, 69.0713, 75.2187**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.9411, 44.7198, 38.5062** is the 20% darker color. If you saturate the color by 10%, you get **53.7047, 79.5532, 67.7734**, and if you desaturate by 10%, it is **65.0696, 85.1217, 81.4210**.

Distribution



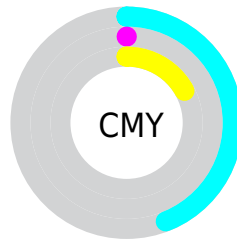
- Red (56%)
- Green (100%)
- Blue (83%)



- Red (56%)
- Yellow (84%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8456, 82.0628, 74.3662 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 58.8456, 82.0628, 74.3662 by changing the saturation by 10% instead.


 58.8456, 82.0628,
74.3662


 58.8456, 82.0628,
74.3662


410.2327,
501.8577, 494.9335

 42.7347, 61.4173,
54.5952


 102.2691,
136.2621, 127.1536

 29.8707, 44.5620,
38.6813


 130.3125,
170.5846, 161.0071

 19.8880, 31.1126,
26.2060


163.0641,
210.2350, 200.3919

 12.4215, 20.6846,
16.7507

200.8893,
255.5976, 245.7265

 7.1056, 12.8937,
9.8968

244.1534,
307.0567, 297.4293

 3.5752, 7.3554,
5.2259

293.2217,

 1.4647, 3.6853,

364.9969, 355.9191

2.3193

348.4597,
429.8024, 421.6143

■ 0.3016, 1.4991,
0.7420

■ 0.0000, 0.2881,
0.0000

■ 58.8456, 82.0628,
74.3662

■ 58.8456, 82.0628,
74.3662

■ 53.7047, 79.5532,
67.7734

■ 65.0696, 85.1217,
81.4210

■ 49.5743, 77.5556,
61.6279

■ 72.4381, 88.7614,
88.9438

■ 46.3761, 76.0299,
55.9196

■ 81.0105, 93.0124,
96.9457

■ 44.0187, 74.9291,
50.6365

■ 90.8414, 97.9027,
105.4362

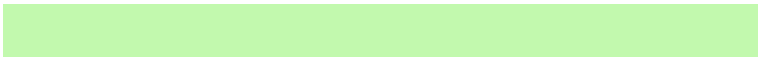
■ 42.3907, 74.1960, 95.0500, 100.0000,
45.7653 108.9000

■ 41.6615, 73.8806,
42.9971

Harmonies

Analogous

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



63.5995, 82.0628, 52.3065



58.8456, 82.0628, 74.3662



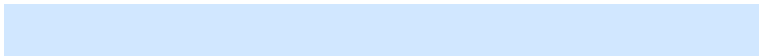
58.8724, 82.0628, 106.6164

Triad

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



58.8456, 82.0628, 74.3662



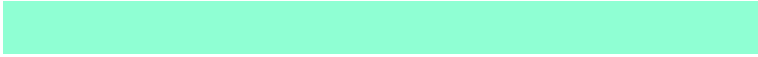
83.8139, 82.0628, 163.7601



94.3206, 82.0628, 52.1295

Complementary

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



58.8456, 82.0628, 74.3662



60.0327, 44.4938, 52.4385

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.



100.8735, 82.0628, 74.0606



58.8456, 82.0628, 74.3662



94.4210, 82.0628, 140.7241

Square

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



58.8456, 82.0628, 74.3662



72.5731, 82.0628, 163.8989



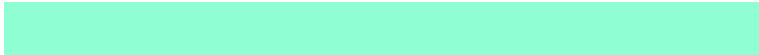
100.9119, 82.0628, 106.2278



83.6872, 82.0628, 41.7343

Rectangle

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



58.8456, 82.0628, 74.3662



61.5693, 82.0628, 130.1377



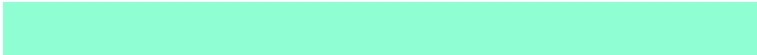
100.9119, 82.0628, 106.2278



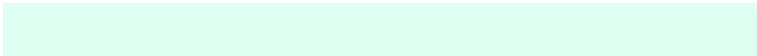
97.1170, 82.0628, 58.1260

Sweetspot

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



58.8464, 82.0632, 74.3676



81.8618, 93.4353, 97.7065



61.4085, 84.1695, 38.9977



17.0886, 19.7838, 20.5241



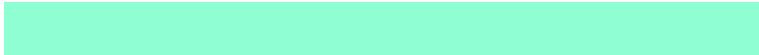
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.8464, 82.0632, 74.3676



54.1345, 79.7622, 68.3614



61.6689, 77.6412, 106.3437



18.2349, 20.3535, 21.5398



21.8446, 38.6344, 22.8646



2.1807, 3.7832, 2.5093

Inverse Universe

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



60.0327, 44.4938, 52.4385



55.4758, 37.6718, 43.8541



57.7873, 46.4215, 31.9025



18.3049, 18.1053, 20.2226



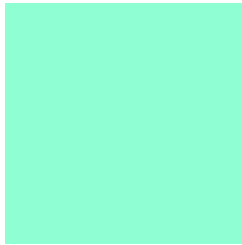
22.8233, 11.6186, 7.7201



2.2741, 1.1520, 1.0247

Previews

White Background



This preview shows how the XYZ color 58.8456, 82.0628, 74.3662 looks on a white background.

Color Contrast Check

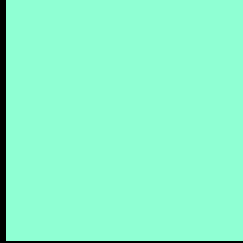
Large Text (above 18pt) WCAG AA × Fail

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 58.8456, 82.0628, 74.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

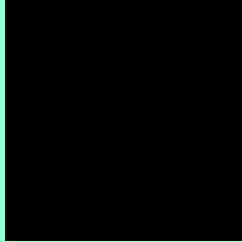
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8456, 82.0628, 74.3662

Background



This preview shows how black text looks on a background with the XYZ color 58.8456, 82.0628, 74.3662.



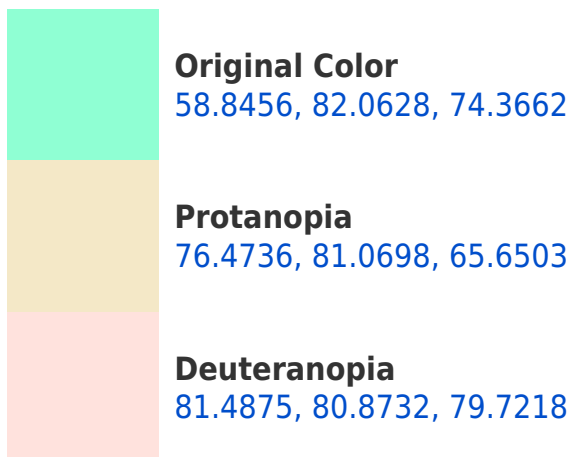
This preview shows how white text looks on a background with the XYZ color 58.8456, 82.0628,

74.3662.

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





Tritanopia

70.7884, 81.5431, 106.6162

Trichromacy



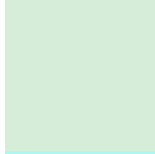
Original Color

58.8456, 82.0628, 74.3662



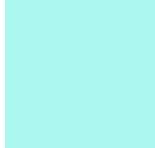
Protanomaly

67.6717, 79.8974, 68.3550



Deuteranomaly

70.5401, 79.8743, 77.3451



Tritanomaly

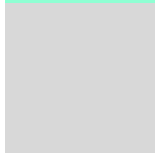
65.8540, 81.5242, 93.9262

Monochromacy



Original Color

58.8456, 82.0628, 74.3662



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.4207, 72.2675, 74.3301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8456, 82.0628, 74.3662 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(143, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 211)  
}
```

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(143, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.8456, 82.0628, 74.3662 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(143, 255, 211) }
```


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

```
.border{ border-color:rgb(143, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8456, 82.0628, 74.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 211) }
```

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

```
.background{ background-color: rgb(143,  
255, 211) }
```

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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