

Converting Colors

XYZ(60.9109, 82.9671, 83.0647)

Have a look what the booklet for
XYZ(60.9109, 82.9671, 83.0647)
contains.

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Color

**XYZ(60.8916, 82.9216,
83.3171)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 91FFE0 |
| RGB | 145, 255, 224 |
| RGB Percent | 57%, 100%, 88% |
| CMY | 0.4314, 0.0000, 0.1216 |
| CMYK | 0.43, 0.00, 0.12, 0.00 |
| HSL | 163°, 100%, 78% |
| HSV | 163°, 43%, 100% |
| XYZ | 60.8916, 82.9216, 83.3171 |
| YIQ | 218.5760, -55.6090, -32.9610 |

Conversions

Conversions Part 2

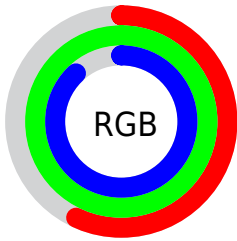
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 145, 209, 255 |
| Decimal | 9568224 |
| CIE _{Lab} | 92.98, -38.71, 4.97 |
| CIE _{LCh} | 93, 39.027, 172.690 |
| Yxy | 82.9216, 0.2681, 0.3651 |
| Android (android.graphics.Color) | 4287758304 (0xFF91FFE0) |
| YUV | 218.5760, 2.6740, -64.5262 |
| Hunter-Lab | 91.0613, -39.9965, 9.4952 |

Details

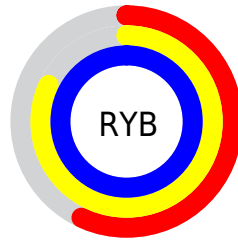
The XYZ color **60.8916, 82.9216, 83.3171** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.2025, 44.6465, 46.5724**, and the grayscale version is **67.0480, 70.5397, 76.8177**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **31.2860, 45.2790, 44.6269** is the 20% darker color. If you saturate the color by 10%, you get **55.9375, 80.4778, 78.1056**, and if you desaturate by 10%, it is **66.8970, 85.9024, 88.7956**.

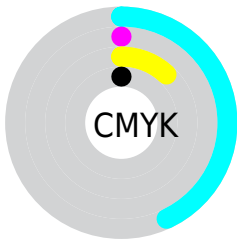
Distribution



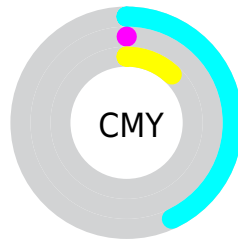
- Red (57%)
- Green (100%)
- Blue (88%)



- Red (57%)
- Yellow (82%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8916, 82.9216, 83.3171 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 60.8916, 82.9216, 83.3171 by changing the saturation by 10% instead.


 60.8916, 82.9216,
83.3171


 60.8916, 82.9216,
83.3171


417.6587,
504.7252, 526.0414

 44.3899, 62.1255,
61.9097


 105.2210,
137.4656, 139.8727

 31.1764, 45.1341,
44.5244


 133.7793,
171.9824, 175.8579

 20.8857, 31.5631,
30.7427


167.0873,
211.8414, 217.5395

 13.1524, 21.0280,
20.1462

205.5103,
257.4272, 265.3360

 7.6113, 13.1445,
12.3162

249.4135,
309.1240, 319.6658

 3.8970, 7.5281,
6.8343

299.1624,

 1.6440, 3.7945,

367.3164, 380.9477

3.2818

355.1224,
432.3886, 449.6000

■ 0.4208, 1.5593,
1.2403

■ 0.0000, 0.3299,
0.0121

■ 60.8916, 82.9216,
83.3171

■ 60.8916, 82.9216,
83.3171

■ 55.9375, 80.4778,
78.1056

■ 66.8970, 85.9024,
88.7956

■ 51.9632, 78.5346,
73.1510

■ 74.0135, 89.4513,
94.5423

■ 48.8924, 77.0524,
68.4485

■ 82.2994, 93.5981,
100.5640

■ 46.6359, 75.9854,
63.9911

■ 91.8082, 98.3705,
106.8655

■ 45.0850, 75.2778,
59.7710

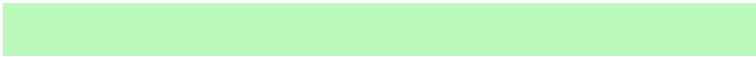
95.0500, 100.0000,
108.9000

■ 44.3217, 74.9447,
57.0051

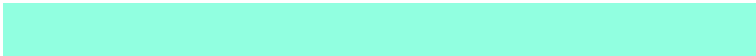
Harmonies

Analogous

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



64.1999, 82.9216, 60.3004



60.8916, 82.9216, 83.3171



62.0445, 82.9216, 113.7748

Triad

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



60.8916, 82.9216, 83.3171



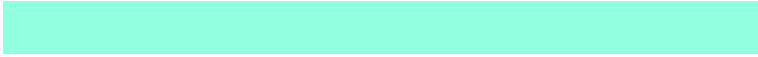
86.6377, 82.9216, 152.7741



91.3309, 82.9216, 52.5258

Complementary

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



60.8916, 82.9216, 83.3171



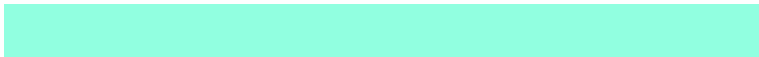
59.2025, 44.6465, 46.5724

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.



98.3629, 82.9216, 70.2779



60.8916, 82.9216, 83.3171



95.4940, 82.9216, 128.8606

Square

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



60.8916, 82.9216, 83.3171



76.3415, 82.9216, 158.3750



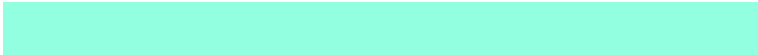
99.9487, 82.9216, 97.6363



81.3403, 82.9216, 45.1922

Rectangle

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



60.8916, 82.9216, 83.3171



65.2393, 82.9216, 134.0575



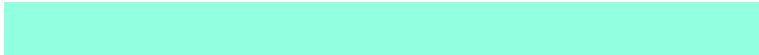
99.9487, 82.9216, 97.6363



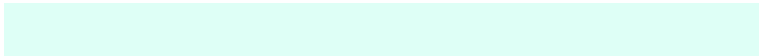
94.1531, 82.9216, 57.2617

Sweetspot

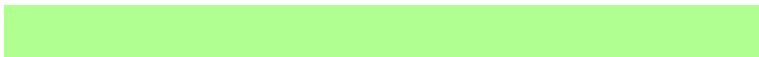
The Sweet Spot groups the original color and five complimentary colors.



60.8925, 82.9220, 83.3185



82.4204, 93.6588, 100.6477



58.8139, 82.8143, 39.6744



17.2270, 19.8392, 21.2530



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

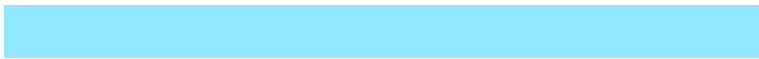
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8925, 82.9220, 83.3185



56.4496, 80.7295, 78.6846



58.3504, 70.4856, 105.1374



18.3237, 20.3890, 22.0076



23.2262, 39.1871, 30.1399



2.3082, 3.8342, 3.1810

Inverse Universe

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



59.2025, 44.6465, 46.5724



54.5736, 37.8075, 37.5726



60.5086, 51.6194, 33.5638



18.2198, 18.0712, 19.7744



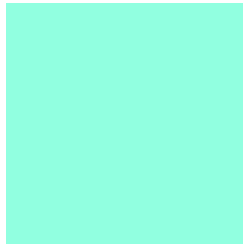
22.2122, 11.3742, 4.5020



2.2070, 1.1252, 0.6716

Previews

White Background



This preview shows how the XYZ color 60.8916, 82.9216, 83.3171 looks on a white background.

Color Contrast Check

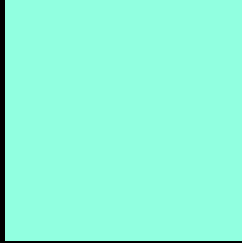
Large Text (above 18pt) WCAG AA × Fail

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 60.8916, 82.9216, 83.3171 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 60.8916, 82.9216, 83.3171

Background



This preview shows how black text looks on a background with the XYZ color 60.8916, 82.9216, 83.3171.

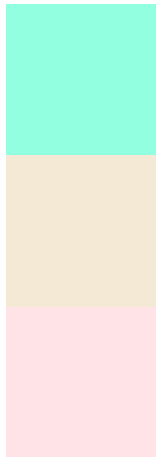


This preview shows how white text looks on a background with the XYZ color 60.8916, 82.9216,

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

60.8916, 82.9216, 83.3171

Protanopia

77.9847, 82.0860, 74.0213

Deuteranopia

82.9920, 81.9113, 86.2992



Tritanopia

72.0929, 82.6586, 106.7628

Trichromacy



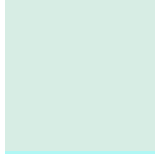
Original Color

60.8916, 82.9216, 83.3171



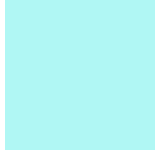
Protanomaly

69.5821, 81.1339, 76.9588



Deuteranomaly

72.3121, 80.6169, 85.1481



Tritanomaly

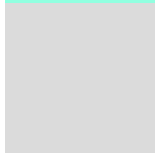
67.4944, 82.2833, 97.9129

Monochromacy



Original Color

60.8916, 82.9216, 83.3171



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.6460, 74.1402, 79.3626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8916, 82.9216, 83.3171 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(145, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 224)  
}
```

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(145, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.8916, 82.9216, 83.3171 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(145, 255, 224) }
```


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

```
.border{ border-color:rgb(145, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8916, 82.9216, 83.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 224) }
```

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

```
.background{ background-color: rgb(145,  
255, 224) }
```

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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