

Converting Colors

XYZ(61.4713, 79.9390, 87.1947)

Have a look what the booklet for
XYZ(61.4713, 79.9390, 87.1947)
contains.

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Color

**XYZ(61.3679, 79.8165,
87.0346)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BF8E6 |
| RGB | 155, 248, 230 |
| RGB Percent | 61%, 97%, 90% |
| CMY | 0.3921, 0.0274, 0.0980 |
| CMYK | 0.37, 0.00, 0.07, 0.03 |
| HSL | 168°, 87%, 79% |
| HSV | 168°, 37%, 97% |
| XYZ | 61.3679, 79.8165, 87.0346 |
| YIQ | 218.1410, -49.6500, -25.3140 |

Conversions

Conversions Part 2

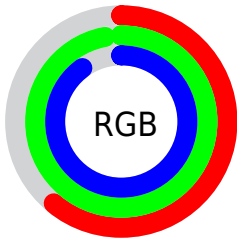
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 155, 206, 248 |
| Decimal | 10221798 |
| CIE _{Lab} | 91.60, -31.65, -0.09 |
| CIE _{LCh} | 92, 31.651, 180.165 |
| Yxy | 79.8165, 0.2689, 0.3497 |
| Android (android.graphics.Color) | 4288411878 (0xFF9BF8E6) |
| YUV | 218.1410, 5.8465, -55.3747 |
| Hunter-Lab | 89.3401, -33.7331, 4.7781 |

Details

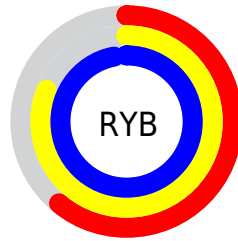
The XYZ color **61.3679, 79.8165, 87.0346** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.9783, 46.4185, 45.4421**, and the grayscale version is **66.7251, 70.2000, 76.4478**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **31.5143, 43.0094, 47.1981** is the 20% darker color. If you saturate the color by 10%, you get **56.4239, 77.3466, 83.3336**, and if you desaturate by 10%, it is **67.3124, 82.8041, 90.8828**.

Distribution



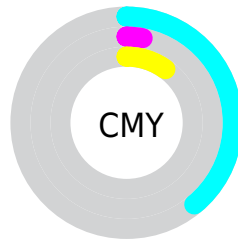
- Red (61%)
- Green (97%)
- Blue (90%)



- Red (61%)
- Yellow (81%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)





- Cyan (39%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3679, 79.8165, 87.0346 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 61.3679, 79.8165, 87.0346 by changing the saturation by 10% instead.

 61.3679, 79.8165,
87.0346


 61.3679, 79.8165,
87.0346


419.3760,
494.3142, 538.6557

 44.7758, 59.5674,
64.9641


 105.9065,
133.1077, 145.1117

 31.4814, 43.0700,
46.9808


 134.5838,
166.9186, 181.9553

 21.1193, 29.9401,
32.6662

168.0202,
206.0188, 224.5603

 13.3242, 19.7931,
21.6018

206.5810,
250.7928, 273.3453

 7.7307, 12.2447,
13.3691

250.6317,
301.6249, 328.7288

 3.9735, 6.9106,
7.5495

300.5375,

 1.6871, 3.4062,

358.8996, 391.1293

3.7245

356.6638,
423.0012, 460.9654

■ 0.4482, 1.3473,
1.4754

■ 0.0000, 0.1774,
0.1995

■ 61.3679, 79.8165,
87.0346

■ 61.3679, 79.8165,
87.0346

■ 56.4239, 77.3466,
83.3336

■ 67.3124, 82.8041,
90.8828

■ 52.4132, 75.3538,
79.7707

■ 74.3059, 86.3282,
94.8761

■ 49.2711, 73.8065,
76.3439

■ 82.4018, 90.4184,
99.0194

■ 46.9213, 72.6656,
73.0488

■ 91.6478, 95.0994,
103.3157

■ 45.2742, 71.8850,
69.8803

■ 92.6990, 95.5536,
107.3285

■ 44.2122, 71.4039,
66.8323

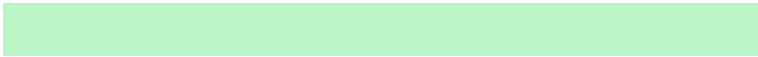
■ 92.8588, 95.6175,
108.1696

■ 43.9937, 71.3075,
66.0868

Harmonies

Analogous

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



63.1724, 79.8165, 66.6026



61.3679, 79.8165, 87.0346



63.2119, 79.8165, 111.2281

Triad

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



61.3679, 79.8165, 87.0346



83.9381, 79.8165, 131.3145



83.8553, 79.8165, 53.7506

Complementary

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



61.3679, 79.8165, 87.0346



57.9783, 46.4185, 45.4421

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.



90.0990, 79.8165, 66.4172



61.3679, 79.8165, 87.0346



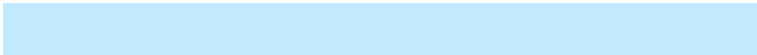
90.1491, 79.8165, 110.9671

Square

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



61.3679, 79.8165, 87.0346



75.9079, 79.8165, 139.4063



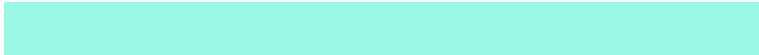
92.4782, 79.8165, 86.7787



75.8185, 79.8165, 49.5837

Rectangle

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



61.3679, 79.8165, 87.0346



66.3428, 79.8165, 125.7323



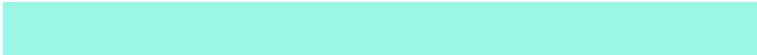
92.4782, 79.8165, 86.7787



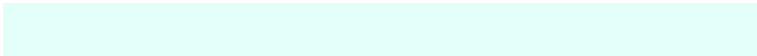
86.2534, 79.8165, 57.0301

Sweetspot

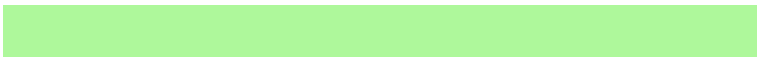
The Sweet Spot groups the original color and five complimentary colors.



61.3702, 79.8197, 87.0364



84.6108, 94.7180, 103.9125



56.8528, 78.4574, 43.1592



17.8568, 20.1455, 22.1129



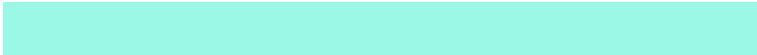
0.0000, 0.0000, 0.0000



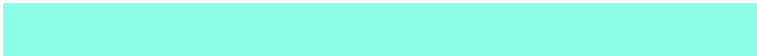
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3702, 79.8197, 87.0364



61.2950, 82.9882, 89.7193



56.0827, 64.9876, 98.3985



17.6133, 19.5476, 21.4302



23.8148, 38.5389, 35.9635



2.2413, 3.5836, 3.5185

Inverse Universe

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



57.9783, 46.4185, 45.4421



57.2175, 42.7144, 39.6275



61.5433, 56.1512, 38.6065



17.3819, 17.2801, 18.6009



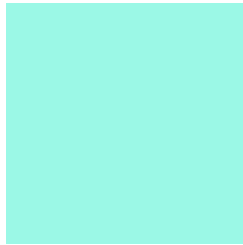
21.2385, 10.9111, 2.6983



2.0022, 1.0246, 0.4352

Previews

White Background



This preview shows how the XYZ color 61.3679, 79.8165, 87.0346 looks on a white background.

Color Contrast Check

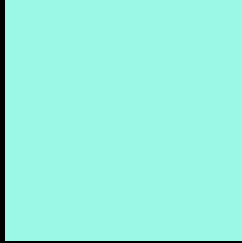
Large Text (above 18pt) WCAG AA × Fail

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 61.3679, 79.8165, 87.0346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

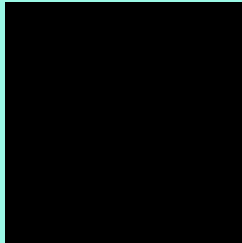
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3679, 79.8165, 87.0346

Background



This preview shows how black text looks on a background with the XYZ color 61.3679, 79.8165, 87.0346.

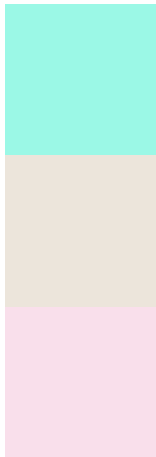


This preview shows how white text looks on a background with the XYZ color 61.3679, 79.8165,

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

61.3679, 79.8165, 87.0346

Protanopia

75.3976, 78.9860, 78.2898

Deuteranopia

80.4500, 78.9132, 89.5889



Tritanopia

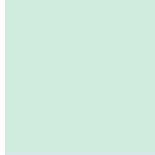
68.7385, 79.6075, 106.3506

Trichromacy



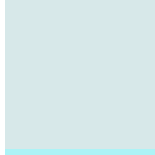
Original Color

61.3679, 79.8165, 87.0346



Protanomaly

69.0469, 78.5840, 81.3411



Deuteranomaly

71.5889, 78.0435, 88.3816



Tritanomaly

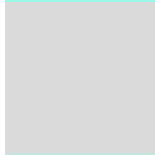
65.9187, 79.6392, 99.0864

Monochromacy



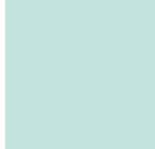
Original Color

61.3679, 79.8165, 87.0346



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.7098, 72.9147, 79.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3679, 79.8165, 87.0346 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(155, 248, 230)` looks like.

```
.text, #text, p{  
    color:rgb(155, 248, 230)  
}
```

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(155, 248, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 248, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.3679, 79.8165, 87.0346 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(155, 248, 230) }
```


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

```
.border{ border-color:rgb(155, 248, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 248, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 248, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 248, 230);  
box-shadow:4px 4px 4px 4px rgb(155, 248,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3679, 79.8165, 87.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 248, 230) }
```

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

```
.background{ background-color: rgb(155,  
248, 230) }
```

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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