

Converting Colors

XYZ(62.6081, 83.5173, 86.2981)

Have a look what the booklet for
XYZ(62.6081, 83.5173, 86.2981)
contains.

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Color

**XYZ(62.7125, 83.7968,
86.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	98FFE4
RGB	152, 255, 228
RGB Percent	60%, 100%, 89%
CMY	0.4039, 0.0000, 0.1059
CMYK	0.40, 0.00, 0.11, 0.00
HSL	164°, 100%, 80%
HSV	164°, 40%, 100%
XYZ	62.7125, 83.7968, 86.2679
YIQ	221.1250, -52.7210, -30.2330

Conversions

Conversions Part 2

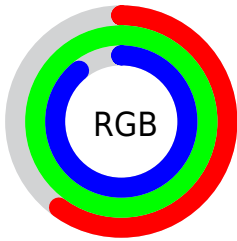
Format	Color
RYB	152, 211, 255
Decimal	10026980
CIELab	93.36, -36.10, 3.49
CIELCh	93, 36.270, 174.479
Yxy	83.7968, 0.2694, 0.3600
Android (android.graphics.Color)	4288217060 (0xFF98FFE4)
YUV	221.1250, 3.3894, -60.6226
Hunter-Lab	91.5406, -37.9095, 8.2035

Details

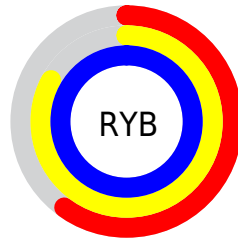
The XYZ color **62.7125, 83.7968, 86.2679** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.6057, 46.9724, 48.5210**, and the grayscale version is **68.8186, 72.4025, 78.8463**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **32.4562, 45.8382, 46.6722** is the 20% darker color. If you saturate the color by 10%, you get **57.5322, 81.2314, 81.2757**, and if you desaturate by 10%, it is **68.9565, 86.9064, 91.5000**.

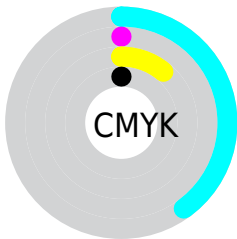
Distribution



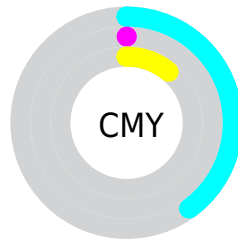
- Red (60%)
- Green (100%)
- Blue (89%)



- Red (60%)
- Yellow (83%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7125, 83.7968, 86.2679 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 62.7125, 83.7968, 86.2679 by changing the saturation by 10% instead.


 62.7125, 83.7968,
86.2679

 62.7125, 83.7968,
86.2679


424.2016,
507.6382, 536.0678

 45.8664, 62.8477,
64.3334


 107.8388,
138.6909, 144.0331

 32.3446, 45.7180,
46.4728


 136.8497,
173.4047, 180.7009

 21.7817, 32.0233,
32.2677


170.6463,
213.4754, 223.1168

 13.8123, 21.3793,
21.2996

209.5939,
259.2876, 271.6995

 8.0710, 13.4016,
13.1498

254.0579,
311.2256, 326.8673

 4.1926, 7.7056,
7.3998

304.4036,

 1.8117, 3.9072,

369.6737, 389.0390

3.6312

360.9964,
435.0165, 458.6329

■ 0.5247, 1.6218,
1.4253

■ 0.0000, 0.3722,
0.1613

■ 62.7125, 83.7968,
86.2679

■ 62.7125, 83.7968,
86.2679

■ 57.5322, 81.2314,
81.2757

■ 68.9565, 86.9064,
91.5000

■ 53.3459, 79.1744,
76.5139

■ 76.3222, 90.5900,
96.9725

■ 50.0801, 77.5878,
71.9782

■ 84.8667, 94.8772,
102.6915

■ 47.6494, 76.4277,
67.6626

94.6423, 99.7947,
108.6616

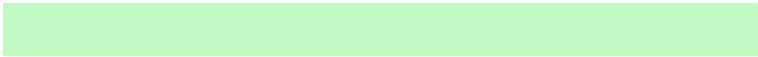
■ 45.9518, 75.6416, 95.0500, 100.0000,
63.5600 108.9000

■ 44.8541, 75.1576,
59.8090

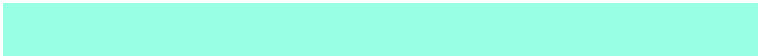
Harmonies

Analogous

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



65.6004, 83.7968, 63.9407



62.7125, 83.7968, 86.2679



64.0584, 83.7968, 114.8429

Triad

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



62.7125, 83.7968, 86.2679



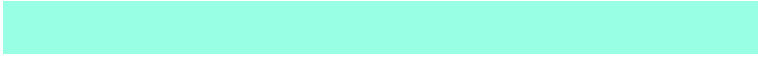
87.5098, 83.7968, 148.0394



90.8126, 83.7968, 54.7454

Complementary

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



62.7125, 83.7968, 86.2679



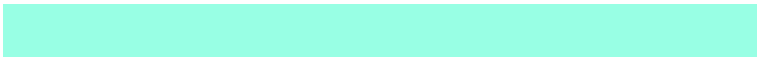
60.6057, 46.9724, 48.5210

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.



97.5777, 83.7968, 71.1160



62.7125, 83.7968, 86.2679



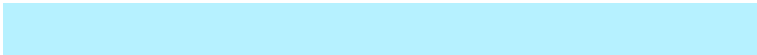
95.5665, 83.7968, 125.3781

Square

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



62.7125, 83.7968, 86.2679



77.8906, 83.7968, 154.3240



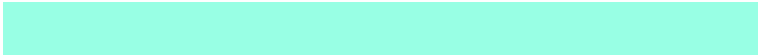
99.3832, 83.7968, 96.4005



81.4283, 83.7968, 48.2260

Rectangle

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



62.7125, 83.7968, 86.2679



67.2356, 83.7968, 133.3270



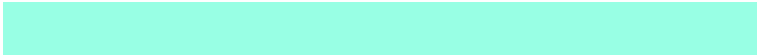
99.3832, 83.7968, 96.4005



93.4974, 83.7968, 59.0980

Sweetspot

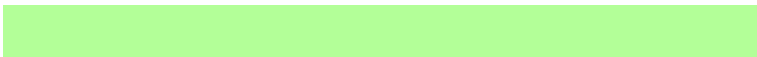
The Sweet Spot groups the original color and five complimentary colors.



62.7134, 83.7973, 86.2693



83.4098, 94.1454, 101.7544



60.1269, 83.4268, 42.6413



17.6050, 20.0264, 21.6178



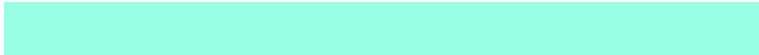
0.0000, 0.0000, 0.0000



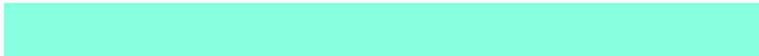
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7134, 83.7973, 86.2693



58.6777, 81.7972, 82.4483



59.5664, 71.0294, 105.1783



18.3396, 20.3954, 22.0913



23.5019, 39.2974, 31.5920



2.3332, 3.8442, 3.3125

Inverse Universe

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



60.6057, 46.9724, 48.5210



56.3357, 40.6309, 40.3201



62.4402, 54.5919, 36.9537



18.2048, 18.0652, 19.6957



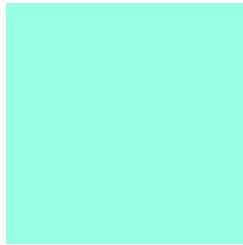
22.1274, 11.3402, 4.0552



2.1971, 1.1212, 0.6191

Previews

White Background



This preview shows how the XYZ color 62.7125, 83.7968, 86.2679 looks on a white background.

Color Contrast Check

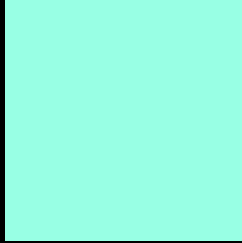
Large Text (above 18pt) WCAG AA × Fail

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 62.7125, 83.7968, 86.2679 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 62.7125, 83.7968, 86.2679

Background



This preview shows how black text looks on a background with the XYZ color 62.7125, 83.7968, 86.2679.

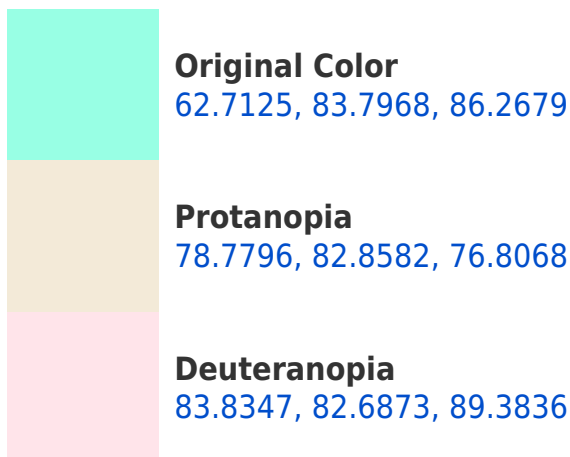


This preview shows how white text looks on a background with the XYZ color 62.7125, 83.7968,

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

73.3893, 83.3270, 106.8234

Trichromacy



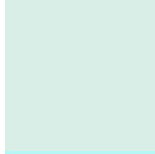
Original Color

62.7125, 83.7968, 86.2679



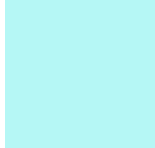
Protanomaly

71.2487, 82.3732, 79.8546



Deuteranomaly

74.0535, 81.8807, 88.2455



Tritanomaly

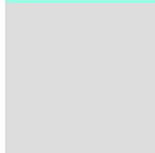
68.7983, 82.9379, 98.7688

Monochromacy



Original Color

62.7125, 83.7968, 86.2679



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.3584, 75.3954, 81.6290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7125, 83.7968, 86.2679 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(152, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 228)  
}
```

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(152, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.7125, 83.7968, 86.2679 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(152, 255, 228) }
```


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

```
.border{ border-color:rgb(152, 255, 228) }
```

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

Here you see how a box with a 4 pixel rgb(152, 255, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7125, 83.7968, 86.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 228) }
```

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

```
.background{ background-color: rgb(152,  
255, 228) }
```

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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