

Converting Colors

XYZ(62.4537, 83.5131, 87.2987)

Have a look what the booklet for
XYZ(62.4537, 83.5131, 87.2987)
contains.

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Color

**XYZ(62.4805, 83.6612,
86.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	96FFE5
RGB	150, 255, 229
RGB Percent	59%, 100%, 90%
CMY	0.4118, 0.0000, 0.1020
CMYK	0.41, 0.00, 0.10, 0.00
HSL	165°, 100%, 79%
HSV	165°, 41%, 100%
XYZ	62.4805, 83.6612, 86.9839
YIQ	220.6410, -54.2340, -30.3460

Conversions

Conversions Part 2

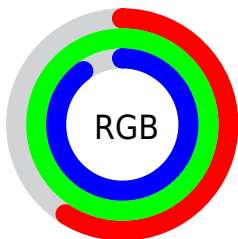
Format	Color
R_{YB}	150, 210, 255
Decimal	9895909
CIE Lab	93.30, -36.39, 2.88
CIE LCh	93, 36.499, 175.479
Yxy	83.6612, 0.2680, 0.3589
Android (android.graphics.Color)	4288085989 (0xFF96FFE5)
YUV	220.6410, 4.1210, -61.9522
Hunter-Lab	91.4665, -38.1335, 7.6422

Details

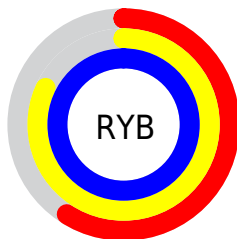
The XYZ color **62.4805, 83.6612, 86.9839** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.9834, 46.2083, 46.8326**, and the grayscale version is **68.4748, 72.0408, 78.4525**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **32.2477, 45.7195, 47.1695** is the 20% darker color. If you saturate the color by 10%, you get **57.4223, 81.1536, 82.2294**, and if you desaturate by 10%, it is **68.5934, 86.7087, 91.9580**.

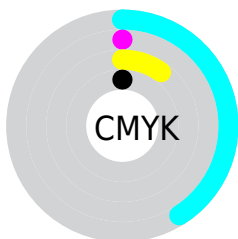
Distribution



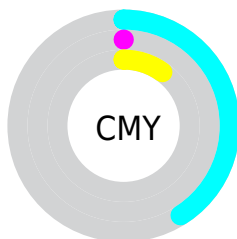
- Red (59%)
- Green (100%)
- Blue (90%)



- Red (59%)
- Yellow (82%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4805, 83.6612, 86.9839 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 62.4805, 83.6612, 86.9839 by changing the saturation by 10% instead.


 62.4805, 83.6612,
86.9839

 62.4805, 83.6612,
86.9839


423.3713,
507.1875, 538.4848

 45.6781, 62.7358,
64.9223

 107.5057,
138.5011, 145.0404

 32.1955, 45.6275,
46.9472


 136.4593,
173.1844, 181.8724

 21.6671, 31.9520,
32.6398


170.1939,
213.2225, 224.4649

 13.7277, 21.3248,
21.5818

209.0751,
258.9996, 273.2365

 8.0120, 13.3616,
13.3546

253.4680,
310.9003, 328.6058

 4.1545, 7.6780,
7.5396

303.7381,

 1.7899, 3.8896,

369.3089, 390.9912

3.7183

360.2508,
434.6099, 460.8114

0.5116, 1.6120,
1.4721

0.0000, 0.3657,
0.1970

62.4805, 83.6612,
86.9839

62.4805, 83.6612,
86.9839

57.4223, 81.1536,
82.2294

68.5934, 86.7087,
91.9580

53.3490, 79.1501,
77.6852

75.8197, 90.3265,
97.1519

50.1863, 77.6123,
73.3475

84.2166, 94.5440,
102.5715

47.8477, 76.4959,
69.2104

93.8368, 99.3883,
108.2208

■ 46.2297, 75.7474,
65.2673

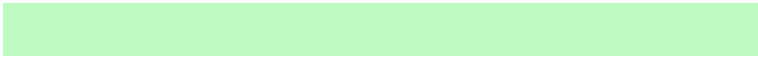
95.0500, 100.0000,
108.9000

■ 45.2589, 75.3196,
61.9406

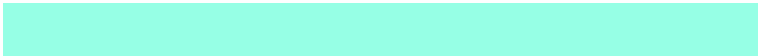
Harmonies

Analogous

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



65.2422, 83.6612, 64.2700



62.4805, 83.6612, 86.9839



63.9737, 83.6612, 115.8103

Triad

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



62.4805, 83.6612, 86.9839



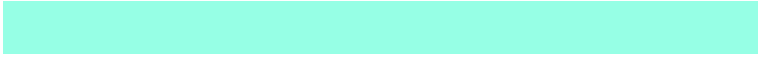
87.7352, 83.6612, 147.7133



90.4572, 83.6612, 54.0737

Complementary

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



62.4805, 83.6612, 86.9839



59.9834, 46.2083, 46.8326

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.



97.3947, 83.6612, 70.1691



62.4805, 83.6612, 86.9839



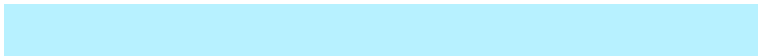
95.7365, 83.6612, 124.5000

Square

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



62.4805, 83.6612, 86.9839



78.0695, 83.6612, 154.6979



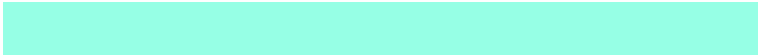
99.4000, 83.6612, 95.3292



80.9832, 83.6612, 47.8617

Rectangle

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



62.4805, 83.6612, 86.9839



67.2504, 83.6612, 134.2801



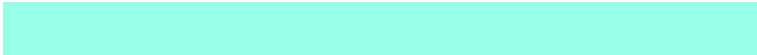
99.4000, 83.6612, 95.3292



93.1923, 83.6612, 58.3274

Sweetspot

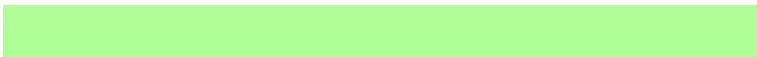
The Sweet Spot groups the original color and five complimentary colors.



62.4814, 83.6616, 86.9853



83.4785, 94.1728, 102.1159



59.2269, 82.9817, 41.7510



17.6212, 20.0329, 21.7032



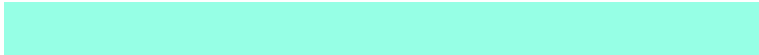
0.0000, 0.0000, 0.0000



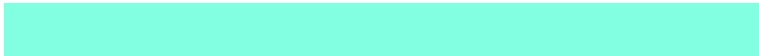
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4814, 83.6616, 86.9853



58.4365, 81.6549, 83.2457



58.5787, 69.6051, 104.9555



18.3513, 20.4001, 22.1531



23.7114, 39.3811, 32.6951



2.3521, 3.8518, 3.4120

Inverse Universe

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



59.9834, 46.2083, 46.8326



55.6613, 39.8114, 38.4637



62.3201, 54.6118, 36.1120



18.1938, 18.0608, 19.6378



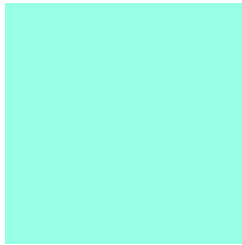
22.0691, 11.3169, 3.7482



2.1901, 1.1184, 0.5823

Previews

White Background



This preview shows how the XYZ color 62.4805, 83.6612, 86.9839 looks on a white background.

Color Contrast Check

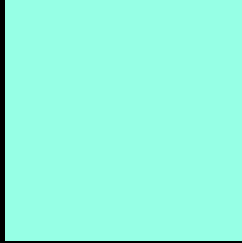
Large Text (above 18pt) WCAG AA × Fail

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 62.4805, 83.6612, 86.9839 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 62.4805, 83.6612, 86.9839

Background



This preview shows how black text looks on a background with the XYZ color 62.4805, 83.6612, 86.9839.

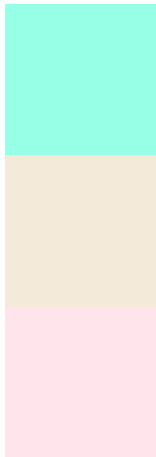


This preview shows how white text looks on a background with the XYZ color 62.4805, 83.6612,

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

62.4805, 83.6612, 86.9839

Protanopia

78.9094, 82.9101, 77.4899

Deuteranopia

83.9788, 82.7450, 90.1425



Tritanopia

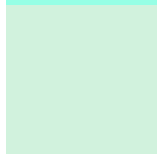
72.8655, 83.0569, 106.7989

Trichromacy



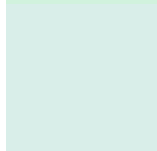
Original Color

62.4805, 83.6612, 86.9839



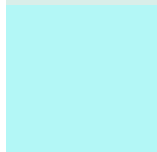
Protanomaly

71.0978, 82.2800, 80.5410



Deuteranomaly

73.8978, 81.7840, 88.9819



Tritanomaly

68.4857, 82.7591, 99.5533

Monochromacy



Original Color

62.4805, 83.6612, 86.9839



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.0991, 75.2617, 81.6169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4805, 83.6612, 86.9839 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(150, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 229)  
}
```

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(150, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 62.4805, 83.6612, 86.9839 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(150, 255, 229) }
```


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

```
.border{ border-color:rgb(150, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4805, 83.6612, 86.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 229) }
```

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

```
.background{ background-color: rgb(150,  
255, 229) }
```

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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