

Converting Colors

XYZ(62.2391, 83.8613, 72.3059)

Have a look what the booklet for
XYZ(62.2391, 83.8613, 72.3059)
contains.

XYZ(62.2494, 83.8606, 72.5803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.2494, 83.8606,
72.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FFD0
RGB	163, 255, 208
RGB Percent	64%, 100%, 82%
CMY	0.3608, 0.0000, 0.1843
CMYK	0.36, 0.00, 0.18, 0.00
HSL	149°, 100%, 82%
HSV	149°, 36%, 100%
XYZ	62.2494, 83.8606, 72.5803
YIQ	222.1340, -39.7450, -34.1210

Conversions

Conversions Part 2

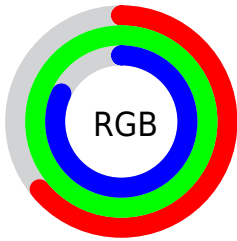
Format	Color
RYB	163, 225, 255
Decimal	10747856
CIELab	93.39, -37.30, 13.89
CIELCh	93, 39.800, 159.568
Yxy	83.8606, 0.2846, 0.3835
Android (android.graphics.Color)	4288937936 (0xFFA3FFD0)
YUV	222.1340, -6.9681, -51.8605
Hunter-Lab	91.5754, -38.9197, 17.1111

Details

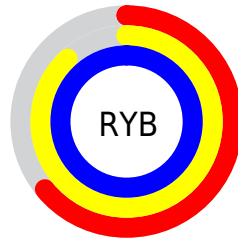
The XYZ color **62.2494, 83.8606, 72.5803** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.9705, 52.1083, 67.5538**, and the grayscale version is **69.5934, 73.2177, 79.7341**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **32.0902, 45.8471, 37.7299** is the 20% darker color. If you saturate the color by 10%, you get **56.0066, 80.8199, 64.2630**, and if you desaturate by 10%, it is **69.6780, 87.4973, 81.6431**.

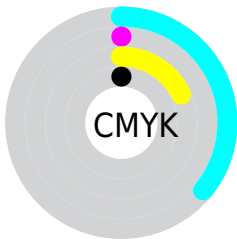
Distribution



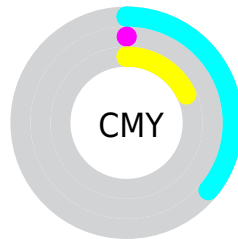
- Red (64%)
- Green (100%)
- Blue (82%)



- Red (64%)
- Yellow (88%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2494, 83.8606, 72.5803 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 62.2494, 83.8606, 72.5803 by changing the saturation by 10% instead.


 62.2494, 83.8606,
72.5803


 62.2494, 83.8606,
72.5803


422.5433,
507.8502, 488.5906

 45.4906, 62.9004,
53.1431


 107.1738,
138.7802, 124.5966

 32.0470, 45.7606,
37.5285


 136.0701,
173.5083, 158.0128

 21.5531, 32.0569,
25.3180


169.7430,
213.5944, 196.9257

 13.6436, 21.4050,
16.0929

208.5578,
259.4231, 241.7540

 7.9533, 13.4204,
9.4349

252.8799,
311.3786, 292.9160

 4.1166, 7.7186,
4.9252

303.0746,

 1.7683, 3.9154,

369.8453, 350.8305

2.1455

359.5073,
435.2078, 415.9158

■ 0.4985, 1.6264,
0.6427

■ 0.0000, 0.3753,
0.0000

■ 62.2494, 83.8606,
72.5803

■ 62.2494, 83.8606,
72.5803

■ 56.0066, 80.8199,
64.2630

■ 69.6780, 87.4973,
81.6431

■ 50.8805, 78.3401,
56.6674

■ 78.3515, 91.7602,
91.4659

■ 46.7982, 76.3840,
49.7744

■ 88.3277, 96.6788,
102.0682

■ 43.6764, 74.9089,
43.5625

95.0500, 100.0000,
108.9000

■ 41.4182, 73.8653,
38.0085

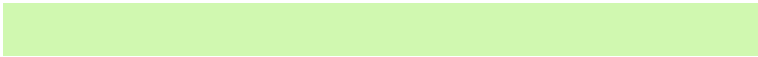
■ 39.9038, 73.1920,
33.0873

■ 39.4445, 72.9938,
31.3223

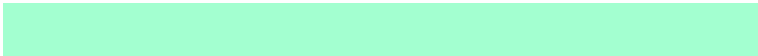
Harmonies

Analogous

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



67.5288, 83.8606, 53.6050



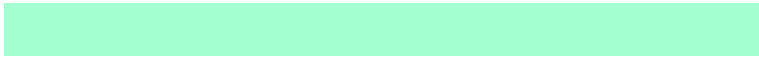
62.2494, 83.8606, 72.5803



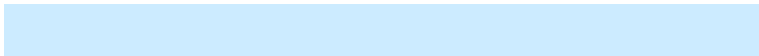
61.4144, 83.8606, 101.2592

Triad

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



62.2494, 83.8606, 72.5803



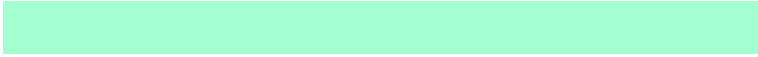
83.1092, 83.8606, 160.9956



96.3007, 83.8606, 59.2159

Complementary

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



62.2494, 83.8606, 72.5803



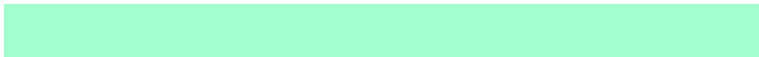
65.9705, 52.1083, 67.5538

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.



101.3129, 83.8606, 82.0347



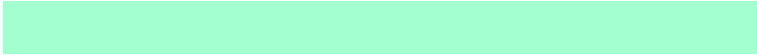
62.2494, 83.8606, 72.5803



93.2678, 83.8606, 143.5124

Square

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



62.2494, 83.8606, 72.5803



72.8664, 83.8606, 156.8967



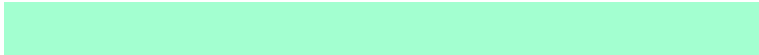
100.1568, 83.8606, 113.0128



86.9628, 83.8606, 47.1467

Rectangle

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



62.2494, 83.8606, 72.5803



63.4088, 83.8606, 122.9079



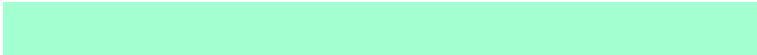
100.1568, 83.8606, 113.0128



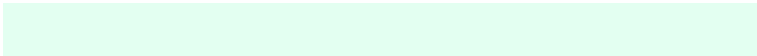
98.5829, 83.8606, 65.6526

Sweetspot

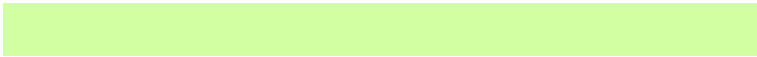
The Sweet Spot groups the original color and five complimentary colors.



62.2501, 83.8609, 72.5817



83.2508, 94.1740, 96.7508



69.1018, 87.9446, 47.9843



17.5319, 20.0156, 20.4024



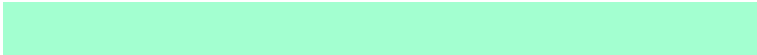
0.0000, 0.0000, 0.0000



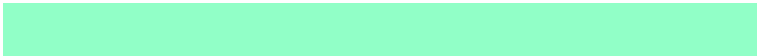
20.3446, 21.4041, 23.3091

Same Dimension

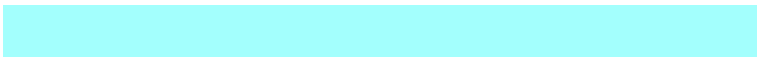
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2501, 83.8609, 72.5817



57.8058, 81.6944, 66.7451



68.6688, 86.4284, 106.3819



18.1419, 20.3163, 21.0501



20.6855, 38.1708, 16.7611



2.0691, 3.7386, 1.9215

Inverse Universe

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



65.9705, 52.1083, 67.5538



62.0047, 45.8522, 61.0666



61.0869, 50.1549, 41.8373



18.3967, 18.1420, 20.7061



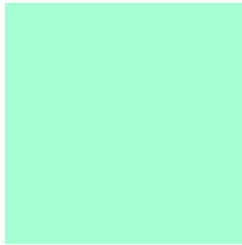
23.7393, 11.9850, 12.5438



2.3666, 1.1890, 1.5120

Previews

White Background



This preview shows how the XYZ color 62.2494, 83.8606, 72.5803 looks on a white background.

Color Contrast Check

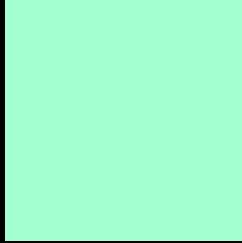
Large Text (above 18pt) WCAG AA × Fail

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 62.2494, 83.8606, 72.5803 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 62.2494, 83.8606, 72.5803

Background



This preview shows how black text looks on a background with the XYZ color 62.2494, 83.8606, 72.5803.

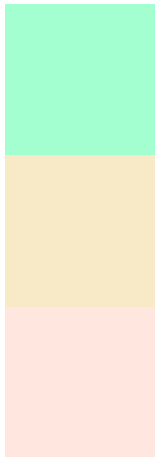


This preview shows how white text looks on a background with the XYZ color 62.2494, 83.8606,

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

62.2494, 83.8606, 72.5803

Protanopia

78.3273, 82.8793, 65.2951

Deuteranopia

82.7216, 83.1276, 80.7926



Tritanopia

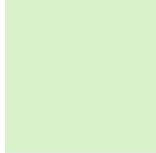
73.8895, 83.1418, 106.7613

Trichromacy



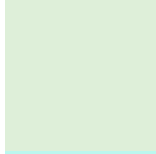
Original Color

62.2494, 83.8606, 72.5803



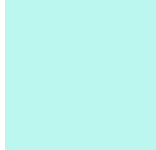
Protanomaly

71.0281, 82.5202, 68.0615



Deuteranomaly

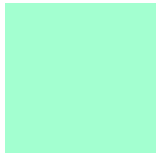
73.5151, 82.2724, 77.6511



Tritanomaly

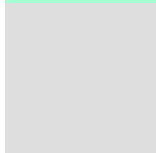
69.1869, 83.2594, 93.3130

Monochromacy



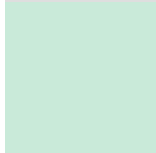
Original Color

62.2494, 83.8606, 72.5803



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.0346, 76.2729, 76.8874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2494, 83.8606, 72.5803 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(163, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 208)  
}
```

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(163, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 62.2494, 83.8606, 72.5803 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(163, 255, 208) }
```


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

```
.border{ border-color:rgb(163, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 255, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 255, 208); box-shadow:4px 4px 4px 4px rgb(163, 255, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2494, 83.8606, 72.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 208) }
```

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

```
.background{ background-color: rgb(163,  
255, 208) }
```

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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