

Converting Colors

XYZ(59.2303, 79.2654, 62.0472)

Have a look what the booklet for
XYZ(59.2303, 79.2654, 62.0472)
contains.

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Color

**XYZ(59.2303, 79.2654,
62.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F8C0
RGB	168, 248, 192
RGB Percent	66%, 97%, 75%
CMY	0.3412, 0.0274, 0.2471
CMYK	0.32, 0.00, 0.23, 0.03
HSL	138°, 85%, 82%
HSV	138°, 32%, 97%
XYZ	59.2303, 79.2654, 62.0472
YIQ	217.6960, -29.7040, -34.3760

Conversions

Conversions Part 2

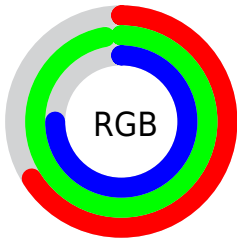
Format	Color
R_{YB}	168, 230, 248
Decimal	11073728
CIE _{Lab}	91.35, -35.66, 19.28
CIE _{LCh}	91, 40.537, 151.599
Yxy	79.2654, 0.2953, 0.3953
Android (android.graphics.Color)	4289263808 (0xFFA8F8C0)
YUV	217.6960, -12.6681, -43.5834
Hunter-Lab	89.0311, -37.0526, 21.0016

Details

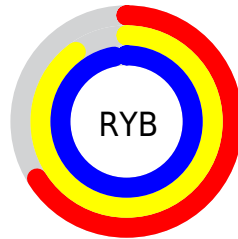
The XYZ color **59.2303, 79.2654, 62.0472** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.1713, 53.3454, 77.3333**, and the grayscale version is **66.5320, 69.9969, 76.2266**.

A 20% lighter version of the original color is **83.9102, 94.3671, 103.4147**, and **30.0283, 42.6073, 30.6861** is the 20% darker color. If you saturate the color by 10%, you get **52.6342, 76.0765, 52.2833**, and if you desaturate by 10%, it is **67.0645, 83.0707, 73.0569**.

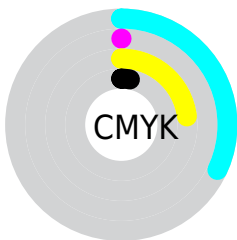
Distribution



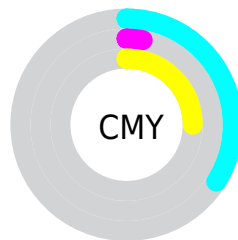
- Red (66%)
- Green (97%)
- Blue (75%)



- Red (66%)
- Yellow (90%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2303, 79.2654, 62.0472 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 59.2303, 79.2654, 62.0472 by changing the saturation by 10% instead.

59.2303, 79.2654,
62.0472

59.2303, 79.2654,
62.0472

411.6352,
492.4537, 450.1156

43.0456, 59.1140,
44.6348

102.8250,
132.3324, 109.3660

30.1156, 42.7049,
30.8290

130.9658,
166.0169, 140.1095

20.0748, 29.6537,
20.2113

163.8226,
204.9812, 176.1338

12.5580, 19.5759,
12.3631

201.7608,
249.6097, 217.8573

7.1998, 12.0871,
6.8660

245.1459,
300.2868, 265.6988

3.6348, 6.8030,
3.3012


294.3430,


1.4977, 3.3392,


357.3969, 320.0766


1.2504


349.7177,
421.3244, 381.4094


 0.3243, 1.3113,
0.0206


 0.0000, 0.1499,
0.0000


 59.2303, 79.2654,
62.0472


 59.2303, 79.2654,
62.0472


 52.6342, 76.0765,
52.2833


 67.0645, 83.0707,
73.0569

 47.2045, 73.4614,
43.7158

 76.1906, 87.5128,
85.3489

 42.8719, 71.3875,
36.2999

 86.6673, 92.6232,
98.9648

 39.5566, 69.8148,
29.9856

 92.8589, 95.6178,
108.1696

■ 37.1677, 68.6973,
24.7194

■ 35.5962, 67.9802,
20.4430

■ 34.8184, 67.6376,
17.7697

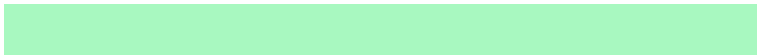
Harmonies

Analogous

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



65.4338, 79.2654, 46.4577



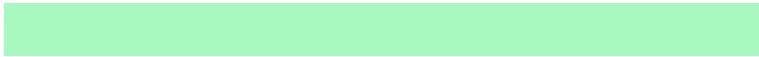
59.2303, 79.2654, 62.0472



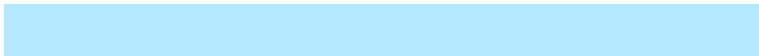
57.2298, 79.2654, 87.8984

Triad

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



59.2303, 79.2654, 62.0472



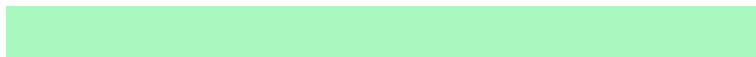
75.8932, 79.2654, 156.3045



93.4933, 79.2654, 59.8738

Complementary

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



59.2303, 79.2654, 62.0472



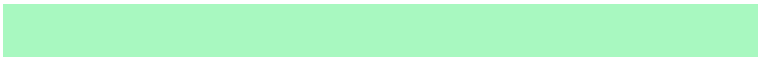
66.1713, 53.3454, 77.3333

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.



96.9153, 79.2654, 84.7340



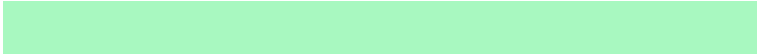
59.2303, 79.2654, 62.0472



86.1974, 79.2654, 144.1741

Square

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



59.2303, 79.2654, 62.0472



66.3087, 79.2654, 146.4131



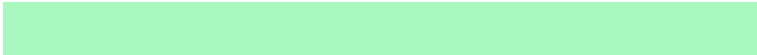
94.1327, 79.2654, 116.1850



85.1549, 79.2654, 45.4186

Rectangle

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



59.2303, 79.2654, 62.0472



58.3886, 79.2654, 108.9081



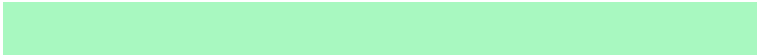
94.1327, 79.2654, 116.1850



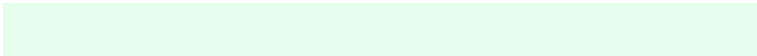
95.2892, 79.2654, 67.0705

Sweetspot

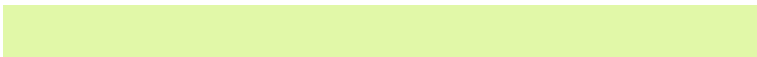
The Sweet Spot groups the original color and five complimentary colors.



59.2324, 79.2687, 62.0490



83.5409, 94.3836, 94.0504



71.7936, 86.0268, 49.8676



17.5602, 20.0455, 19.7086



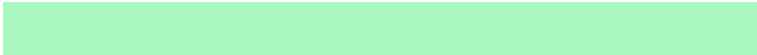
0.0000, 0.0000, 0.0000



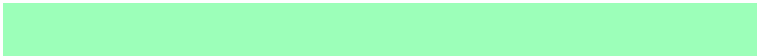
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2324, 79.2687, 62.0490



58.1810, 82.0621, 58.8851



64.0951, 81.2138, 87.6555



17.2317, 19.3949, 19.4205



18.8619, 36.5578, 9.8821



1.7916, 3.4037, 1.1504

Inverse Universe

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



66.1713, 53.3454, 77.3333



66.6663, 50.3315, 77.5540



61.5086, 51.4803, 52.7799



17.7582, 17.4306, 20.5825



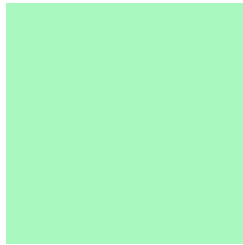
25.0830, 12.4489, 22.9434



2.3699, 1.1717, 2.3714

Previews

White Background



This preview shows how the XYZ color 59.2303, 79.2654, 62.0472 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 59.2303, 79.2654, 62.0472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

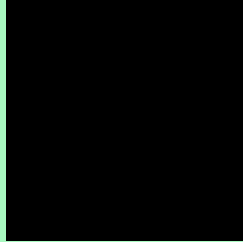
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2303, 79.2654, 62.0472

Background



This preview shows how black text looks on a background with the XYZ color 59.2303, 79.2654, 62.0472.

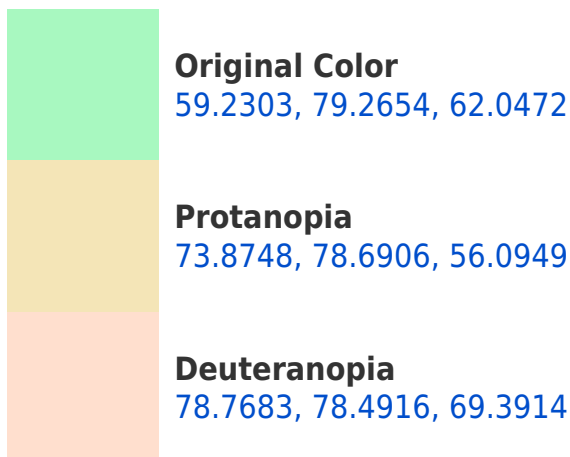


This preview shows how white text looks on a background with the XYZ color 59.2303, 79.2654,

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

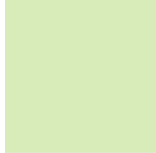
69.3636, 79.0604, 106.2121

Trichromacy



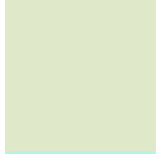
Original Color

59.2303, 79.2654, 62.0472



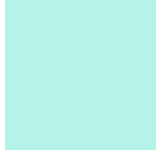
Protanomaly

67.1773, 78.1350, 57.9953



Deuteranomaly

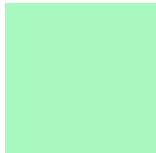
69.8307, 77.6182, 66.5597



Tritanomaly

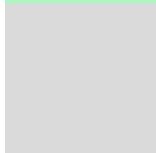
65.3737, 79.1542, 88.1767

Monochromacy



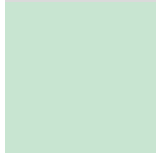
Original Color

59.2303, 79.2654, 62.0472



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.3474, 72.9214, 71.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2303, 79.2654, 62.0472 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(168, 248, 192)` looks like.

```
.text, #text, p{  
    color:rgb(168, 248, 192)  
}
```

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(168, 248, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 248, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.2303, 79.2654, 62.0472 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(168, 248, 192) }
```


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

```
.border{ border-color:rgb(168, 248, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 248, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 248, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 248, 192);  
box-shadow:4px 4px 4px 4px rgb(168, 248,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2303, 79.2654, 62.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 248, 192) }
```

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

```
.background{ background-color: rgb(168,  
248, 192) }
```

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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