

Converting Colors

XYZ(63.0304, 79.0229, 79.8236)

Have a look what the booklet for
XYZ(63.0304, 79.0229, 79.8236)
contains.

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Color

**XYZ(62.9481, 78.9826,
79.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	AFF4DC
RGB	175, 244, 220
RGB Percent	69%, 96%, 86%
CMY	0.3137, 0.0431, 0.1372
CMYK	0.28, 0.00, 0.10, 0.04
HSL	159°, 76%, 82%
HSV	159°, 28%, 96%
XYZ	62.9481, 78.9826, 79.6376
YIQ	220.6330, -33.4200, -22.0920

Conversions

Conversions Part 2

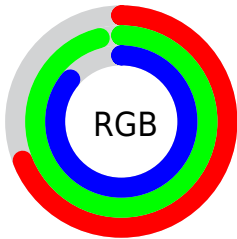
Format	Color
RYB	175, 217, 244
Decimal	11531484
CIELab	91.23, -26.35, 4.68
CIELCh	91, 26.763, 169.939
Yxy	78.9826, 0.2841, 0.3565
Android (android.graphics.Color)	4289721564 (0xFFAFF4DC)
YUV	220.6330, -0.3121, -40.0201
Hunter-Lab	88.8722, -29.0948, 9.0812

Details

The XYZ color **62.9481, 78.9826, 79.6376** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.9497, 54.0185, 61.1447**, and the grayscale version is **68.4906, 72.0574, 78.4705**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **32.6599, 42.7480, 42.1271** is the 20% darker color. If you saturate the color by 10%, you get **56.8632, 75.9745, 73.6339**, and if you desaturate by 10%, it is **70.0840, 82.5302, 85.9918**.

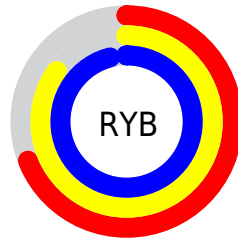
Distribution



Red (69%)

Green (96%)

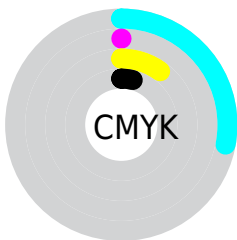
Blue (86%)



Red (69%)

Yellow (85%)

Blue (96%)

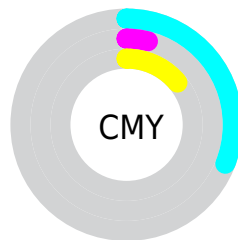


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (4%)



Cyan (31%)


Magenta (4%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9481, 78.9826, 79.6376 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 62.9481, 78.9826, 79.6376 by changing the saturation by 10% instead.


 62.9481, 78.9826,
79.6376

 62.9481, 78.9826,
79.6376


425.0438,
491.4975, 513.3852

 46.0577, 58.8815,
58.8958


 108.1769,
131.9344, 134.6629

 32.4962, 42.5177,
42.1098


137.2460,
165.5538, 169.7834

 21.8982, 29.5069,
28.8610


171.1053,
204.4482, 210.5339

 13.8983, 19.4646,
18.7310

210.1203,
249.0019, 257.3330

 8.1312, 12.0065,
11.3013

254.6563,
299.5992, 310.5991

 4.2315, 6.7481,
6.1531

305.0786,

 1.8339, 3.3051,

356.6247, 370.7508

2.8681

361.7527,
420.4626, 438.2067

■ 0.5380, 1.2930,
1.0277

■ 0.0000, 0.1358,
0.0000

■ 62.9481, 78.9826,
79.6376

■ 62.9481, 78.9826,
79.6376

■ 56.8632, 75.9745,
73.6339

■ 70.0840, 82.5302,
85.9918

■ 51.7686, 73.4682,
67.9686

■ 78.3144, 86.6332,
92.6978

■ 47.6072, 71.4367,
62.6360

■ 87.6883, 91.3190,
99.7638

■ 44.3134, 69.8460,
57.6286

■ 91.4740, 93.1170,
106.8788

■ 41.8123, 68.6579,
52.9382

■ 91.6421, 93.1842,
107.7640

■ 40.0160, 67.8270,
48.5558

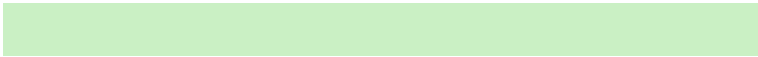
■ 38.8013, 67.2900,
44.4708

■ 38.6211, 67.2118,
43.7961

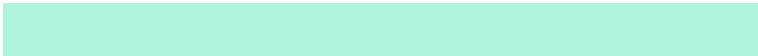
Harmonies

Analogous

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



65.5252, 78.9826, 64.1308



62.9481, 78.9826, 79.6376



63.4663, 78.9826, 99.3747

Triad

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



62.9481, 78.9826, 79.6376



79.6064, 78.9826, 126.1037



83.7806, 78.9826, 60.4633

Complementary

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



62.9481, 78.9826, 79.6376



62.9497, 54.0185, 61.1447

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.



88.0095, 78.9826, 73.8802



62.9481, 78.9826, 79.6376



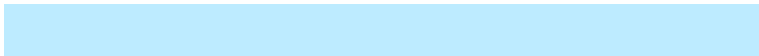
85.5008, 78.9826, 112.3457

Square

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



62.9481, 78.9826, 79.6376



72.8153, 78.9826, 128.2644



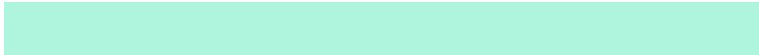
88.6573, 78.9826, 92.6897



77.3719, 78.9826, 54.2166

Rectangle

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



62.9481, 78.9826, 79.6376



65.5089, 78.9826, 112.2732



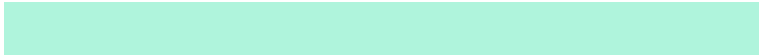
88.6573, 78.9826, 92.6897



85.5202, 78.9826, 64.1808

Sweetspot

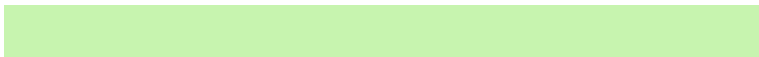
The Sweet Spot groups the original color and five complimentary colors.



62.9503, 78.9858, 79.6394



86.8174, 95.8855, 102.6607



63.6840, 79.9625, 52.6364



18.2707, 20.3678, 21.7286



0.0000, 0.0000, 0.0000



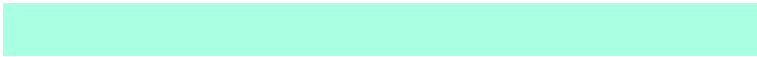
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9503, 78.9858, 79.6394



65.5413, 85.3054, 84.1316



63.3341, 74.2952, 96.5941



16.7376, 18.6542, 19.9023



21.0661, 36.5713, 24.1656



1.8999, 3.2336, 2.3788

Inverse Universe

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



62.9497, 54.0185, 61.1447



65.5442, 53.4746, 60.5712



62.4708, 57.1748, 48.3019



16.7371, 16.5777, 18.3622



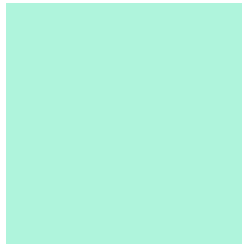
21.2332, 10.8367, 5.9362



1.9128, 0.9711, 0.7674

Previews

White Background



This preview shows how the XYZ color 62.9481, 78.9826, 79.6376 looks on a white background.

Color Contrast Check

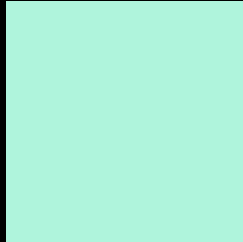
Large Text (above 18pt) WCAG AA × Fail

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 62.9481, 78.9826, 79.6376 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

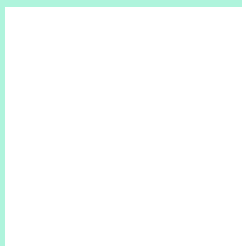
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9481, 78.9826, 79.6376

Background



This preview shows how black text looks on a background with the XYZ color 62.9481, 78.9826, 79.6376.



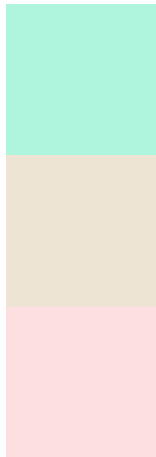
This preview shows how white text looks on a background with the XYZ color 62.9481, 78.9826,

79.6376.

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

62.9481, 78.9826, 79.6376

Protanopia

74.4263, 78.1945, 72.7984

Deuteranopia

80.2199, 78.5614, 82.1700



Tritanopia

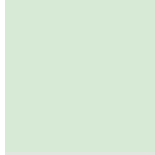
69.3636, 79.0604, 106.2121

Trichromacy



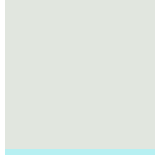
Original Color

62.9481, 78.9826, 79.6376



Protanomaly

69.2920, 77.9968, 75.0211



Deuteranomaly

72.6674, 77.9289, 81.0238



Tritanomaly

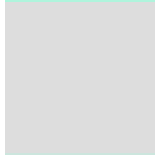
66.7155, 78.7983, 95.6977

Monochromacy



Original Color

62.9481, 78.9826, 79.6376



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.9723, 74.0965, 79.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9481, 78.9826, 79.6376 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(175, 244, 220)` looks like.

```
.text, #text, p{  
    color:rgb(175, 244, 220)  
}
```

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(175, 244, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 244, 220) }
```

Border

The CSS property to change the border of an element to XYZ 62.9481, 78.9826, 79.6376 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(175, 244, 220) }
```


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

```
.border{ border-color:rgb(175, 244, 220) }
```

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

Here you see how a box with a 4 pixel rgb(175, 244, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 244, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 244, 220);  
box-shadow:4px 4px 4px 4px rgb(175, 244,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9481, 78.9826, 79.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 244, 220) }
```

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

```
.background{ background-color: rgb(175,  
244, 220) }
```

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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