

Converting Colors

XYZ(60.9655, 78.4035, 72.7038)

Have a look what the booklet for
XYZ(60.9655, 78.4035, 72.7038)
contains.

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Color

**XYZ(61.0799, 78.6159,
72.9279)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ABF5D2 |
| RGB | 171, 245, 210 |
| RGB Percent | 67%, 96%, 82% |
| CMY | 0.3294, 0.0392, 0.1765 |
| CMYK | 0.30, 0.00, 0.14, 0.04 |
| HSL | 152°, 79%, 82% |
| HSV | 152°, 30%, 96% |
| XYZ | 61.0799, 78.6159, 72.9279 |
| YIQ | 218.8840, -32.8690, -26.5730 |

Conversions

Conversions Part 2

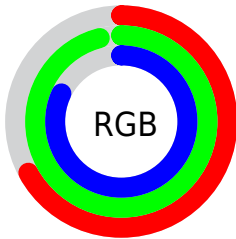
| Format | Color |
|-------------------------------------|---|
| RYB | 171, 219, 245 |
| Decimal | 11269586 |
| CIELab | 91.06, -29.99, 9.60 |
| CIELCh | 91, 31.489, 162.252 |
| Yxy | 78.6159, 0.2873, 0.3697 |
| Android (android.graphics.Color) | 4289459666 (0xFFABF5D2) |
| YUV | 218.8840, -4.3798, -41.9943 |
| Hunter-Lab | 88.6656, -32.1999, 13.2996 |

Details

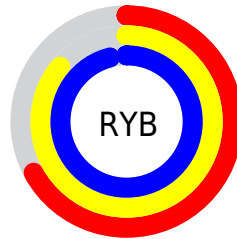
The XYZ color **61.0799, 78.6159, 72.9279** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.3624, 52.9966, 65.2857**, and the grayscale version is **67.2991, 70.8038, 77.1054**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **31.1864, 42.0797, 37.9310** is the 20% darker color. If you saturate the color by 10%, you get **54.8381, 75.5611, 65.3708**, and if you desaturate by 10%, it is **68.4197, 82.2289, 81.0855**.

Distribution



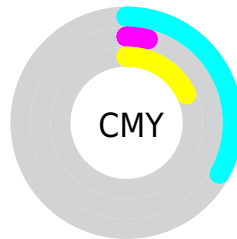
- Red (67%)
- Green (96%)
- Blue (82%)



- Red (67%)
- Yellow (86%)
- Blue (96%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)





- Cyan (33%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0799, 78.6159, 72.9279 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 61.0799, 78.6159, 72.9279 by changing the saturation by 10% instead.


 61.0799, 78.6159,
72.9279

 61.0799, 78.6159,
72.9279


418.3381,
490.2560, 489.8290

 44.5424, 58.5801,
53.4255


 105.4921,
131.4180, 125.0948

 31.2969, 42.2752,
37.7525


134.0975,
164.9530, 158.5965

 20.9780, 29.3168,
25.4903


167.4563,
203.7566, 197.6016

 13.2203, 19.3206,
16.2204

205.9338,
248.2131, 242.5288

 7.6584, 11.9022,
9.5242

249.8954,
298.7068, 293.7966

 3.9271, 6.6771,
4.9832


299.7064,


 1.6610, 3.2610,


355.6223, 351.8235


2.1788


355.7322,
419.3439, 417.0282

 0.4317, 1.2695,
0.6621


 0.0000, 0.1174,
0.0000


 61.0799, 78.6159,
72.9279


 61.0799, 78.6159,
72.9279


 54.8381, 75.5611,
65.3708


 68.4197, 82.2289,
81.0855


 49.6310, 73.0257,
58.3949

 76.9037, 86.4173,
89.8520

 45.3982, 70.9811,
51.9871

 86.5832, 91.2095,
99.2423

 42.0706, 69.3918,
46.1318

 91.9438, 93.7877,
107.8646

■ 39.5688, 68.2172,
40.8127

■ 37.7989, 67.4092,
36.0121

■ 36.6242, 66.8958,
31.7920

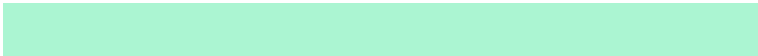
Harmonies

Analogous

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



64.9015, 78.6159, 57.0953



61.0799, 78.6159, 72.9279



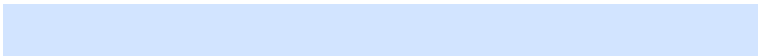
60.7487, 78.6159, 95.2367

Triad

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



61.0799, 78.6159, 72.9279



78.0154, 78.6159, 135.9427



86.6259, 78.6159, 59.3928

Complementary

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



61.0799, 78.6159, 72.9279



63.3624, 52.9966, 65.2857

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.



90.6890, 78.6159, 76.6351



61.0799, 78.6159, 72.9279



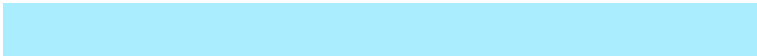
85.4864, 78.6159, 122.2924

Square

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



61.0799, 78.6159, 72.9279



70.1556, 78.6159, 134.4683



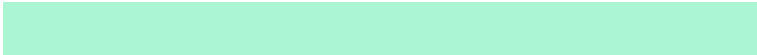
90.2578, 78.6159, 99.6596



79.4825, 78.6159, 50.2882

Rectangle

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



61.0799, 78.6159, 72.9279



62.5179, 78.6159, 111.1701



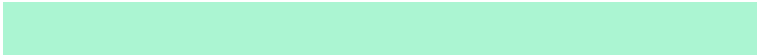
90.2578, 78.6159, 99.6596



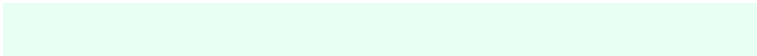
88.4193, 78.6159, 64.2851

Sweetspot

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



61.0821, 78.6191, 72.9297



85.4061, 95.2246, 99.5820



65.6727, 81.4804, 50.7953



17.9684, 20.2277, 21.0035



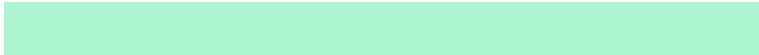
0.0000, 0.0000, 0.0000



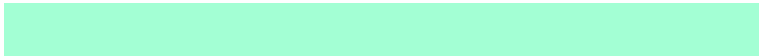
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0821, 78.6191, 72.9297



62.7358, 84.0599, 74.9279



65.5592, 79.8149, 98.3405



16.6471, 18.6180, 19.4260



19.7999, 36.0648, 17.4981



1.7922, 3.1905, 1.8114

Inverse Universe

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



63.3624, 52.9966, 65.2857



65.5889, 52.0119, 65.3713



59.8062, 51.9486, 45.4042



16.8255, 16.6130, 18.8274



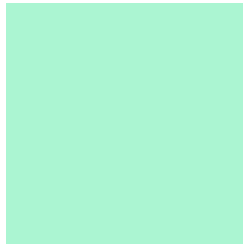
22.0496, 11.1633, 10.2356



1.9895, 1.0018, 1.1709

Previews

White Background



This preview shows how the XYZ color 61.0799, 78.6159, 72.9279 looks on a white background.

Color Contrast Check

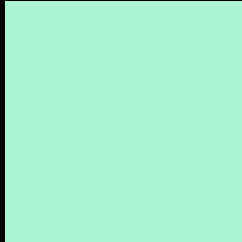
Large Text (above 18pt) WCAG AA × Fail

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 61.0799, 78.6159, 72.9279 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 61.0799, 78.6159, 72.9279

Background



This preview shows how black text looks on a background with the XYZ color 61.0799, 78.6159, 72.9279.



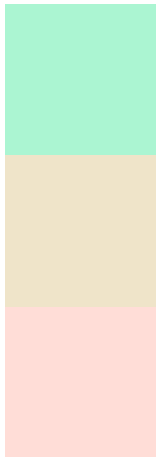
This preview shows how white text looks on a background with the XYZ color 61.0799, 78.6159,

72.9279.

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

61.0799, 78.6159, 72.9279

Protanopia

73.8826, 78.0546, 66.4303

Deuteranopia

79.3622, 77.8792, 75.1393



Tritanopia

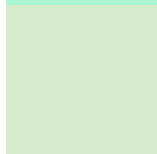
68.5839, 78.2275, 106.0924

Trichromacy



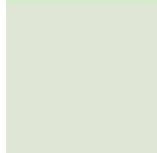
Original Color

61.0799, 78.6159, 72.9279



Protanomaly

68.0535, 77.5014, 68.4992



Deuteranomaly

71.0475, 77.2450, 74.1160



Tritanomaly

65.7961, 78.3759, 93.3216

Monochromacy



Original Color

61.0799, 78.6159, 72.9279



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.4952, 73.0012, 75.6571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0799, 78.6159, 72.9279 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(171, 245, 210)` looks like.

```
.text, #text, p{  
    color:rgb(171, 245, 210)  
}
```

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(171, 245, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 245, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.0799, 78.6159, 72.9279 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(171, 245, 210) }
```


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

```
.border{ border-color:rgb(171, 245, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 245, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 245, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 245, 210);  
box-shadow:4px 4px 4px 4px rgb(171, 245,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0799, 78.6159, 72.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 245, 210) }
```

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

```
.background{ background-color: rgb(171,  
245, 210) }
```

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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