

Converting Colors

XYZ(61.0104, 78.3353, 80.0989)

Have a look what the booklet for
XYZ(61.0104, 78.3353, 80.0989)
contains.

XYZ(61.0134, 78.4178, 80.3270)	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(61.0134, 78.4178,
80.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F5DD
RGB	164, 245, 221
RGB Percent	64%, 96%, 87%
CMY	0.3569, 0.0392, 0.1333
CMYK	0.33, 0.00, 0.10, 0.04
HSL	162°, 80%, 80%
HSV	162°, 33%, 96%
XYZ	61.0134, 78.4178, 80.3270
YIQ	218.0450, -40.5720, -24.6360

Conversions

Conversions Part 2

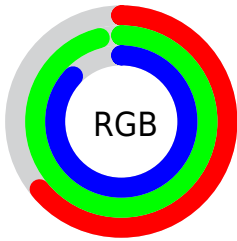
Format	Color
RYB	164, 212, 245
Decimal	10810845
CIELab	90.97, -29.76, 3.72
CIELCh	91, 29.990, 172.884
Yxy	78.4178, 0.2776, 0.3568
Android (android.graphics.Color)	4289000925 (0xFFA4F5DD)
YUV	218.0450, 1.4568, -47.3975
Hunter-Lab	88.5538, -31.9831, 8.2058

Details

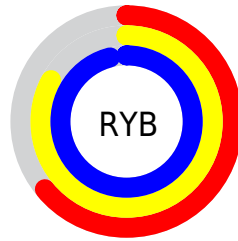
The XYZ color **61.0134, 78.4178, 80.3270** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.0115, 49.5963, 53.9902**, and the grayscale version is **66.6837, 70.1564, 76.4004**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **31.1728, 41.9708, 42.5346** is the 20% darker color. If you saturate the color by 10%, you get **55.4900, 75.6818, 75.1290**, and if you desaturate by 10%, it is **67.5570, 81.6790, 85.7945**.

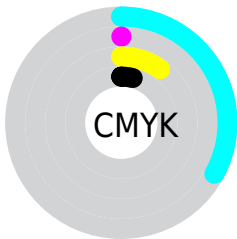
Distribution



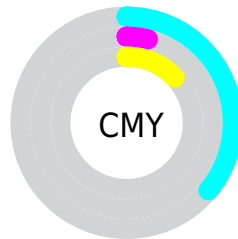
- Red (64%)
- Green (96%)
- Blue (87%)



- Red (64%)
- Yellow (83%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0134, 78.4178, 80.3270 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 61.0134, 78.4178, 80.3270 by changing the saturation by 10% instead.


 61.0134, 78.4178,
80.3270


 61.0134, 78.4178,
80.3270


418.0983,
489.5846, 515.7700

 44.4886, 58.4173,
59.4597


 105.3963,
131.1389, 135.6409

 31.2543, 42.1442,
42.5609


 133.9852,
164.6283, 170.9247

 20.9454, 29.2142,
29.2119


167.3260,
203.3827, 211.8510

 13.1963, 19.2429,
18.9942

205.7843,
247.7866, 258.8384

 7.6418, 11.8459,
11.4893

249.7252,
298.2243, 312.3055

 3.9165, 6.6389,
6.2787

299.5143,

 1.6550, 3.2373,

355.0803, 372.6707

2.9437

355.5169,
418.7389, 440.3527

■ 0.4278, 1.2568,
1.0660

■ 0.0000, 0.1074,
0.0000

■ 61.0134, 78.4178,
80.3270

■ 61.0134, 78.4178,
80.3270

■ 55.4900, 75.6818,
75.1290

■ 67.5570, 81.6790,
85.7945

■ 50.9235, 73.4323,
70.1897

■ 75.1664, 85.4827,
91.5314

■ 47.2538, 71.6403,
65.5052

■ 83.8922, 89.8570,
97.5441

■ 44.4108, 70.2700,
61.0696

■ 91.1557, 93.4724,
103.7147

■ 42.3138, 69.2796,
56.8760

■ 91.9438, 93.7876,
107.8646

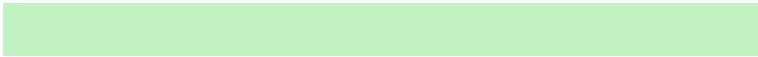
■ 40.8649, 68.6188,
52.9169

■ 40.1391, 68.3017,
50.3014

Harmonies

Analogous

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



63.5274, 78.4178, 62.6349



61.0134, 78.4178, 80.3270



61.9215, 78.4178, 102.6266

Triad

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



61.0134, 78.4178, 80.3270



80.3336, 78.4178, 129.7937



83.6589, 78.4178, 56.2900

Complementary

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



61.0134, 78.4178, 80.3270



60.0115, 49.5963, 53.9902

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.



88.7519, 78.4178, 70.1891



61.0134, 78.4178, 80.3270



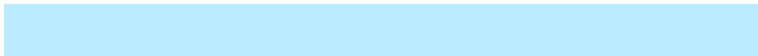
86.7431, 78.4178, 113.0650

Square

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



61.0134, 78.4178, 80.3270



72.7466, 78.4178, 133.7430



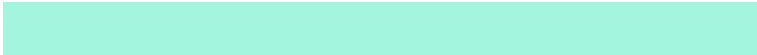
89.9171, 78.4178, 90.6482



76.3500, 78.4178, 50.3625

Rectangle

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



61.0134, 78.4178, 80.3270



64.3768, 78.4178, 116.9811



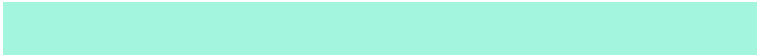
89.9171, 78.4178, 90.6482



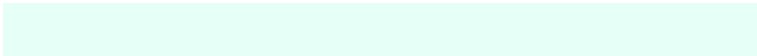
85.7065, 78.4178, 60.0595

Sweetspot

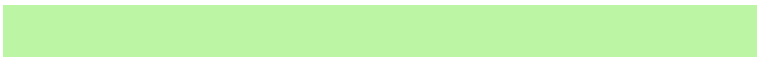
The Sweet Spot groups the original color and five complimentary colors.



61.0156, 78.4210, 80.3288



85.0900, 95.0032, 102.2079



60.1687, 78.7180, 47.1461



17.9347, 20.1953, 21.6806



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.



61.0156, 78.4210, 80.3288



62.4568, 83.7163, 83.9403



59.7577, 70.4160, 96.8320



16.7752, 18.6692, 20.1007



21.6865, 36.8195, 27.4328



1.9510, 3.2541, 2.6479

Inverse Universe

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



60.0115, 49.5963, 53.9902



61.2019, 47.4707, 50.8597



60.7212, 54.8183, 42.5039



16.7012, 16.5633, 18.1729



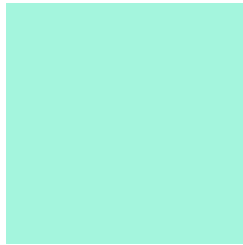
20.9796, 10.7353, 4.6010



1.8871, 0.9608, 0.6320

Previews

White Background



This preview shows how the XYZ color 61.0134, 78.4178, 80.3270 looks on a white background.

Color Contrast Check

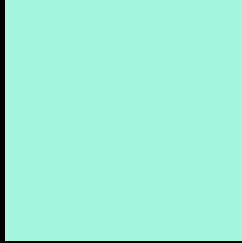
Large Text (above 18pt) WCAG AA × Fail

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 61.0134, 78.4178, 80.3270 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

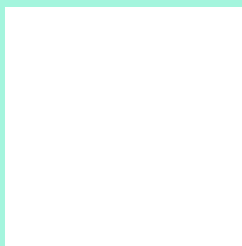
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0134, 78.4178, 80.3270

Background



This preview shows how black text looks on a background with the XYZ color 61.0134, 78.4178, 80.3270.

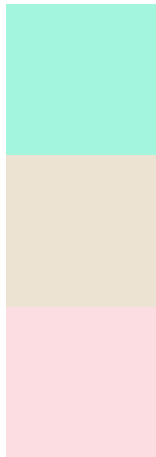


This preview shows how white text looks on a background with the XYZ color 61.0134, 78.4178,

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

61.0134, 78.4178, 80.3270

Protanopia

73.8190, 77.4742, 72.6913

Deuteranopia

79.3676, 77.7131, 82.7685



Tritanopia

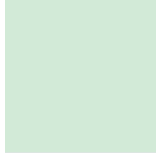
67.6806, 78.1928, 106.1333

Trichromacy



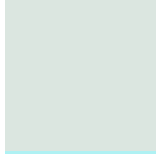
Original Color

61.0134, 78.4178, 80.3270



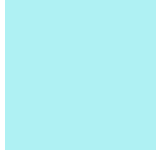
Protanomaly

68.2669, 77.4536, 75.6420



Deuteranomaly

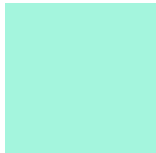
70.9648, 77.0355, 81.6501



Tritanomaly

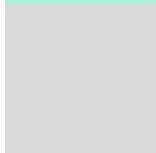
65.3122, 78.4956, 96.5029

Monochromacy



Original Color

61.0134, 78.4178, 80.3270



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.8183, 72.6070, 77.6688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0134, 78.4178, 80.3270 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(164, 245, 221)` looks like.

```
.text, #text, p{  
    color:rgb(164, 245, 221)  
}
```

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(164, 245, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 245, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.0134, 78.4178, 80.3270 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(164, 245, 221) }
```


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

```
.border{ border-color:rgb(164, 245, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 245, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 245, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 245, 221);  
box-shadow:4px 4px 4px 4px rgb(164, 245,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0134, 78.4178, 80.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 245, 221) }
```

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

```
.background{ background-color: rgb(164,  
245, 221) }
```

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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