

Converting Colors

XYZ(60.5558, 79.7468, 71.2325)

Have a look what the booklet for
XYZ(60.5558, 79.7468, 71.2325)
contains.

XYZ(60.5558, 79.7468, 71.2325)	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(60.5558, 79.7468,
71.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F8CF
RGB	166, 248, 207
RGB Percent	65%, 97%, 81%
CMY	0.3490, 0.0274, 0.1882
CMYK	0.33, 0.00, 0.17, 0.03
HSL	150°, 85%, 81%
HSV	150°, 33%, 97%
XYZ	60.5558, 79.7468, 71.2325
YIQ	218.8080, -35.7110, -30.1350

Conversions

Conversions Part 2

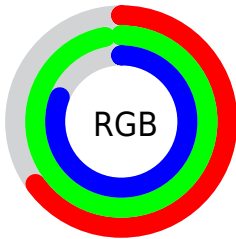
Format	Color
R_{YB}	166, 221, 248
Decimal	10942671
CIE _{Lab}	91.57, -33.43, 11.85
CIE _{LCh}	92, 35.467, 160.488
Yxy	79.7468, 0.2863, 0.3770
Android (android.graphics.Color)	4289132751 (0xFFA6F8CF)
YUV	218.8080, -5.8213, -46.3126
Hunter-Lab	89.3011, -35.2345, 15.2171

Details

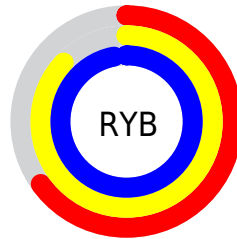
The XYZ color **60.5558, 79.7468, 71.2325** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.6129, 51.7359, 65.6681**, and the grayscale version is **67.2575, 70.7601, 77.0577**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **30.9361, 42.9410, 36.7949** is the 20% darker color. If you saturate the color by 10%, you get **54.3930, 76.7403, 63.3392**, and if you desaturate by 10%, it is **67.8445, 83.3243, 79.8035**.

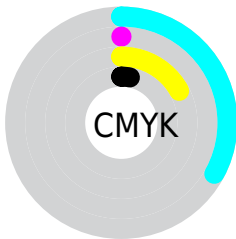
Distribution



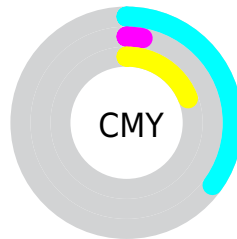
- Red (65%)
- Green (97%)
- Blue (81%)



- Red (65%)
- Yellow (87%)
- Blue (97%)



- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)





- Cyan (35%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5558, 79.7468, 71.2325 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 60.5558, 79.7468, 71.2325 by changing the saturation by 10% instead.


 60.5558, 79.7468,
71.2325


 60.5558, 79.7468,
71.2325


416.4454,
494.0791, 483.7713

 44.1180, 59.5100,
52.0490


 104.7373,
133.0097, 122.6623

 30.9616, 43.0238,
36.6616


 133.2116,
166.8046, 155.7456

 20.7213, 29.9038,
24.6519


166.4288,
205.8876, 194.2992

 13.0317, 19.7656,
15.6012

204.7542,
250.6432, 238.7417

 7.5275, 12.2248,
9.0911

248.5533,
301.4558, 289.4916

 3.8434, 6.8969,
4.7030

298.1912,

 1.6139, 3.3977,

358.7097, 346.9675

2.0184

354.0335,
422.7894, 411.5879

■ 0.4015, 1.3427,
0.5666

■ 0.0000, 0.1739,
0.0000

■ 60.5558, 79.7468,
71.2325

■ 60.5558, 79.7468,
71.2325

■ 54.3930, 76.7403,
63.3392

■ 67.8445, 83.3243,
79.8035

■ 49.2891, 74.2640,
56.1013

■ 76.3083, 87.4914,
89.0633

■ 45.1795, 72.2873,
49.5026

■ 86.0015, 92.2778,
99.0292

■ 41.9899, 70.7720,
43.5245

■ 92.8589, 95.6177,
108.1696

■ 39.6344, 69.6743,
38.1469

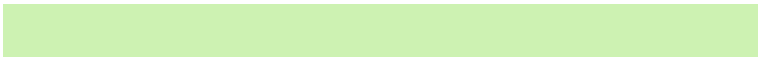
■ 38.0095, 68.9411,
33.3485

■ 37.2068, 68.5929,
30.3467

Harmonies

Analogous

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



65.0551, 79.7468, 54.1878



60.5558, 79.7468, 71.2325



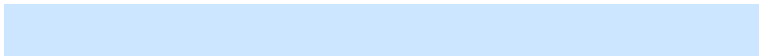
59.9480, 79.7468, 96.2175

Triad

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



60.5558, 79.7468, 71.2325



79.0073, 79.7468, 145.6005



89.8101, 79.7468, 58.3367

Complementary

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



60.5558, 79.7468, 71.2325



63.6129, 51.7359, 65.6681

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.



94.2187, 79.7468, 78.0752



60.5558, 79.7468, 71.2325



87.6606, 79.7468, 130.4939

Square

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



60.5558, 79.7468, 71.2325



70.1345, 79.7468, 142.7560



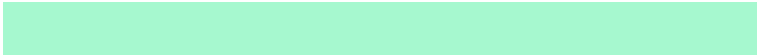
93.4022, 79.7468, 104.5544



81.7563, 79.7468, 47.8321

Rectangle

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



60.5558, 79.7468, 71.2325



61.7744, 79.7468, 114.6356



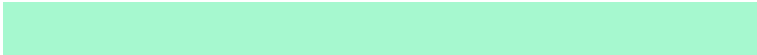
93.4022, 79.7468, 104.5544



91.7955, 79.7468, 63.9300

Sweetspot

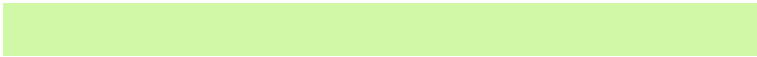
The Sweet Spot groups the original color and five complimentary colors.



60.5580, 79.7501, 71.2343



84.2974, 94.6862, 98.0343



66.5687, 83.3546, 48.6581



17.7427, 20.1185, 20.6696



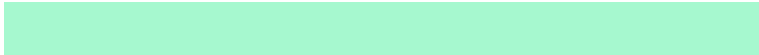
0.0000, 0.0000, 0.0000



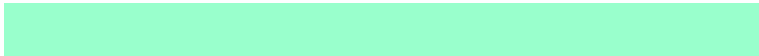
20.3446, 21.4041, 23.3091

Same Dimension

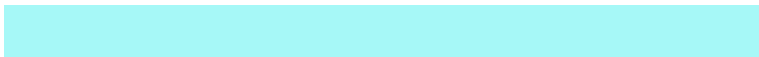
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5580, 79.7501, 71.2343



59.7957, 82.6518, 69.9273



66.0279, 81.9381, 100.0387



17.3793, 19.4540, 20.1982



20.1691, 37.0806, 16.7656



1.9215, 3.4557, 1.8345

Inverse Universe

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



63.6129, 51.7359, 65.6681



63.5306, 48.4022, 63.1222



59.3590, 50.0343, 43.2674



17.6066, 17.3700, 19.7841



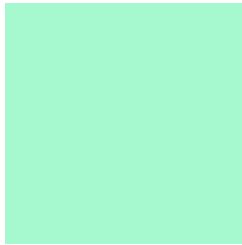
22.9482, 11.5950, 11.7016



2.1789, 1.0953, 1.3655

Previews

White Background



This preview shows how the XYZ color 60.5558, 79.7468, 71.2325 looks on a white background.

Color Contrast Check

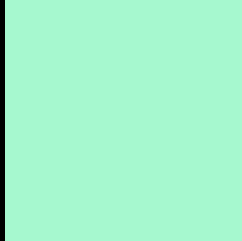
Large Text (above 18pt) WCAG AA × Fail

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 60.5558, 79.7468, 71.2325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

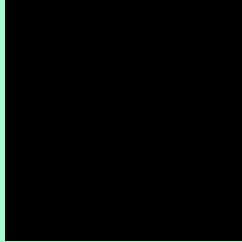
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5558, 79.7468, 71.2325

Background



This preview shows how black text looks on a background with the XYZ color 60.5558, 79.7468, 71.2325.



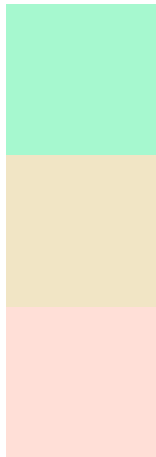
This preview shows how white text looks on a background with the XYZ color 60.5558, 79.7468,

71.2325.

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

60.5558, 79.7468, 71.2325

Protanopia

74.3730, 78.7706, 64.1077

Deuteranopia

79.8934, 78.9416, 75.3164



Tritanopia

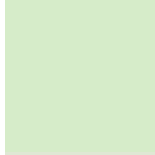
69.6555, 79.6444, 106.3094

Trichromacy



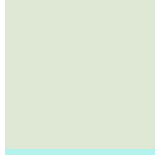
Original Color

60.5558, 79.7468, 71.2325



Protanomaly

68.2696, 78.5041, 66.8130



Deuteranomaly

71.1717, 78.1547, 73.6216



Tritanomaly

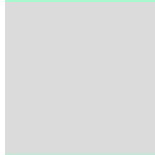
66.0071, 79.3806, 92.7320

Monochromacy



Original Color

60.5558, 79.7468, 71.2325



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.3820, 73.7793, 75.1375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5558, 79.7468, 71.2325 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(166, 248, 207)` looks like.

```
.text, #text, p{  
    color:rgb(166, 248, 207)  
}
```

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(166, 248, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 248, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.5558, 79.7468, 71.2325 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(166, 248, 207) }
```


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

```
.border{ border-color:rgb(166, 248, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 248, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 248, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 248, 207);  
box-shadow:4px 4px 4px 4px rgb(166, 248,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5558, 79.7468, 71.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 248, 207) }
```

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

```
.background{ background-color: rgb(166,  
248, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor