

Converting Colors

XYZ(58.0003, 71.6157, 74.4611)

Have a look what the booklet for
XYZ(58.0003, 71.6157, 74.4611)
contains.

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Color

**XYZ(58.0711, 71.7908,
74.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE9D6
RGB	171, 233, 214
RGB Percent	67%, 91%, 84%
CMY	0.3294, 0.0863, 0.1608
CMYK	0.27, 0.00, 0.08, 0.09
HSL	162°, 58%, 79%
HSV	162°, 27%, 91%
XYZ	58.0711, 71.7908, 74.4147
YIQ	212.2960, -30.8530, -19.0530

Conversions

Conversions Part 2

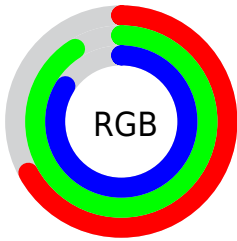
Format	Color
RYB	171, 208, 233
Decimal	11266518
CIELab	87.87, -23.43, 2.91
CIELCh	88, 23.615, 172.913
Yxy	71.7908, 0.2843, 0.3514
Android (android.graphics.Color)	4289456598 (0xFFABE9D6)
YUV	212.2960, 0.8401, -36.2166
Hunter-Lab	84.7295, -25.9378, 7.2384

Details

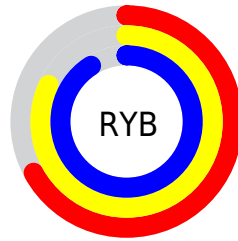
The XYZ color **58.0711, 71.7908, 74.4147** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.4639, 50.1690, 55.3730**, and the grayscale version is **62.7871, 66.0569, 71.9360**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **29.3163, 37.7294, 38.5383** is the 20% darker color. If you saturate the color by 10%, you get **52.5445, 69.0467, 69.5001**, and if you desaturate by 10%, it is **64.5364, 75.0180, 79.5851**.

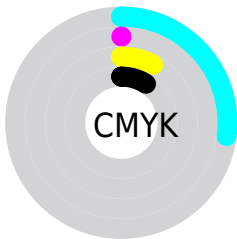
Distribution



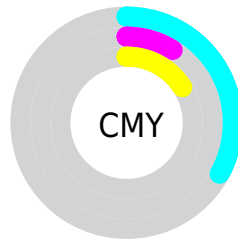
- Red (67%)
- Green (91%)
- Blue (84%)



- Red (67%)
- Yellow (82%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0711, 71.7908, 74.4147 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 58.0711, 71.7908, 74.4147 by changing the saturation by 10% instead.

■ 58.0711, 71.7908,
74.4147

■ 58.0711, 71.7908,
74.4147

407.4004,
466.8131, 495.1050

■ 42.1093, 52.9878,
54.6347

■ 101.1488,
121.7591, 127.2230

■ 29.3784, 37.7930,
38.7127

128.9953,
153.6931, 161.0883

■ 19.5130, 25.8221,
26.2302

161.5342,
190.7730, 200.4858

■ 12.1477, 16.6906,
16.7686

199.1307,
233.3830, 245.8340

■ 6.9173, 10.0141,
9.9094

242.1502,
281.9077, 297.5515

■ 3.4563, 5.4083,
5.2341

290.9581,

■ 1.3994, 2.4888,

336.7313, 356.0568

2.3242

345.9197,
398.2383, 421.7685

■ 0.2558, 0.8710,
0.7447

■ 0.0000, 0.0000,
0.0000

■ 58.0711, 71.7908,
74.4147

■ 58.0711, 71.7908,
74.4147

■ 52.5445, 69.0467,
69.5001

■ 64.5364, 75.0180,
79.5851

■ 47.9031, 66.7525,
64.8315

■ 71.9782, 78.7420,
85.0109

■ 44.0970, 64.8844,
60.4054

■ 80.4399, 82.9870,
90.6985

■ 41.0689, 63.4130,
56.2164

■ 86.4925, 85.9854,
96.4896

■ 38.7541, 62.3048,
52.2587

■ 87.5898, 86.4243,
102.2677

■ 37.0767, 61.5210,
48.5258

■ 88.4302, 86.7604,
106.6934

■ 35.9411, 61.0122,
45.0104

■ 35.6256, 60.8746,
43.8649

Harmonies

Analogous

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



59.9789, 71.7908, 60.9641



58.0711, 71.7908, 74.4147



58.7649, 71.7908, 90.8362

Triad

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



58.0711, 71.7908, 74.4147



72.5258, 71.7908, 110.2508



74.9554, 71.7908, 56.0038

Complementary

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



58.0711, 71.7908, 74.4147



57.4639, 50.1690, 55.3730

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.



78.6715, 71.7908, 66.7360



58.0711, 71.7908, 74.4147



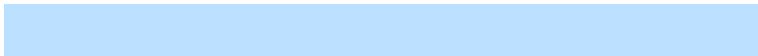
77.2159, 71.7908, 98.3374

Square

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



58.0711, 71.7908, 74.4147



66.9116, 71.7908, 113.0457



79.5206, 71.7908, 82.0454



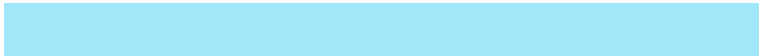
69.5758, 71.7908, 51.3216

Rectangle

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



58.0711, 71.7908, 74.4147



60.6287, 71.7908, 101.1703



79.5206, 71.7908, 82.0454



76.4523, 71.7908, 58.9466

Sweetspot

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



58.0731, 71.7937, 74.4163



86.9486, 95.9380, 103.3515



57.8856, 72.2501, 49.4240



18.3039, 20.3811, 21.9031



0.0000, 0.0000, 0.0000



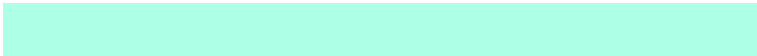
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0731, 71.7937, 74.4163



67.3638, 86.1626, 87.9367



57.5288, 66.5918, 86.9157



15.3097, 17.0387, 18.3136



20.2716, 34.5631, 25.1933



1.6344, 2.7311, 2.2026

Inverse Universe

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



57.4639, 50.1690, 55.3730



66.5007, 55.3969, 60.8616



57.7604, 53.8722, 45.8833



15.2555, 15.1301, 16.6310



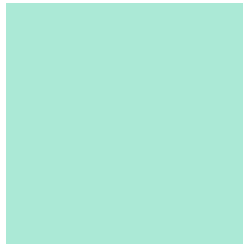
19.7692, 10.1104, 4.5858



1.5939, 0.8105, 0.5790

Previews

White Background



This preview shows how the XYZ color 58.0711, 71.7908, 74.4147 looks on a white background.

Color Contrast Check

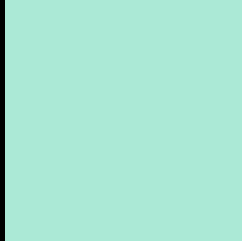
Large Text (above 18pt) WCAG AA × Fail

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 58.0711, 71.7908, 74.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

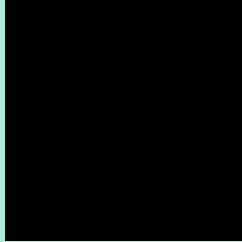
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

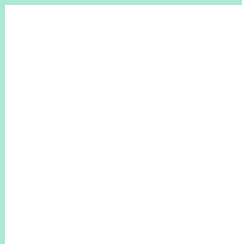
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0711, 71.7908, 74.4147

Background



This preview shows how black text looks on a background with the XYZ color 58.0711, 71.7908, 74.4147.

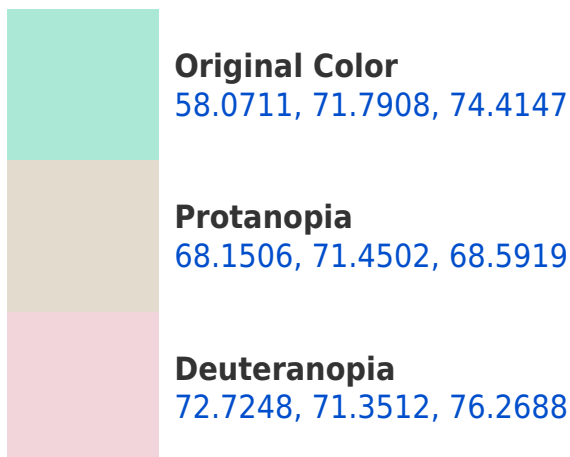


This preview shows how white text looks on a background with the XYZ color 58.0711, 71.7908,

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

62.7381, 71.6056, 97.7034

Trichromacy



Original Color

58.0711, 71.7908, 74.4147

Protanomaly

63.8964, 71.1802, 70.6930

Deuteranomaly

66.4365, 70.7951, 75.8089

Tritanomaly

60.8273, 71.6481, 88.4654

Monochromacy



Original Color

58.0711, 71.7908, 74.4147

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.6294, 67.8608, 72.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0711, 71.7908, 74.4147 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, 233, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 214)  
}
```

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, 233, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.0711, 71.7908, 74.4147 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, 233, 214) }
```


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

```
.border{ border-color:rgb(171, 233, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 233, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 233, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 233,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0711, 71.7908, 74.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 233, 214) }
```

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

```
.background{ background-color: rgb(171,  
233, 214) }
```

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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