

Converting Colors

XYZ(58.3350, 71.2727, 82.0353)

Have a look what the booklet for
XYZ(58.3350, 71.2727, 82.0353)
contains.

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Color

**XYZ(58.3836, 71.3650,
81.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E8E1
RGB	167, 232, 225
RGB Percent	65%, 91%, 88%
CMY	0.3451, 0.0902, 0.1176
CMYK	0.28, 0.00, 0.03, 0.09
HSL	174°, 59%, 78%
HSV	174°, 28%, 91%
XYZ	58.3836, 71.3650, 81.9318
YIQ	211.7670, -36.4930, -15.9570

Conversions

Conversions Part 2

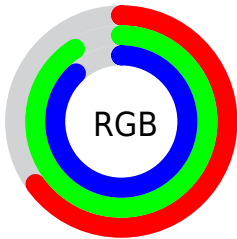
Format	Color
RYB	167, 201, 232
Decimal	11004129
CIELab	87.66, -21.79, -3.18
CIELCh	88, 22.019, 188.314
Yxy	71.3650, 0.2758, 0.3371
Android (android.graphics.Color)	4289194209 (0xFFA7E8E1)
YUV	211.7670, 6.5239, -39.2607
Hunter-Lab	84.4778, -24.4727, 1.6314

Details

The XYZ color **58.3836, 71.3650, 81.9318** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.7400, 47.8513, 46.3985**, and the grayscale version is **62.4017, 65.6515, 71.4944**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **29.5911, 37.4637, 43.7018** is the 20% darker color. If you saturate the color by 10%, you get **53.5772, 68.9282, 79.9412**, and if you desaturate by 10%, it is **64.0783, 74.2629, 83.9931**.

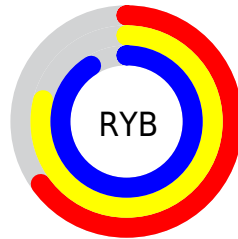
Distribution



Red (65%)

Green (91%)

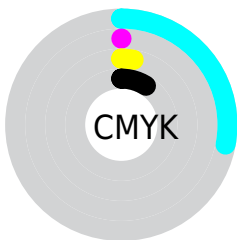
Blue (88%)



Red (65%)

Yellow (79%)

Blue (91%)

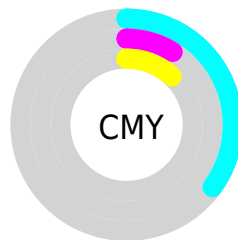


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (35%)


Magenta (9%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3836, 71.3650, 81.9318 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 58.3836, 71.3650, 81.9318 by changing the saturation by 10% instead.


 58.3836, 71.3650,
81.9318


 58.3836, 71.3650,
81.9318


408.5447,
465.3284, 521.2970

 42.3616, 52.6401,
60.7738


 101.6010,
121.1533, 137.9142

 29.5769, 37.5156,
43.6133


 129.5271,
152.9855, 173.5757

 19.6641, 25.6069,
30.0317


162.1520,
189.9556, 214.9088

 12.2580, 16.5298,
19.6104

199.8409,
232.4480, 262.3320

 6.9931, 9.8998,
11.9309

242.9593,
280.8471, 316.2639

 3.5041, 5.3326,
6.5747

291.8725,

 1.4256, 2.4437,

335.5372, 377.1230

3.1232

346.9458,
396.9029, 445.3278

■ 0.2743, 0.8482,
1.1579

■ 0.0000, 0.0000,
0.0000

■ 58.3836, 71.3650,
81.9318

■ 58.3836, 71.3650,
81.9318

■ 53.5772, 68.9282,
79.9412

■ 64.0783, 74.2629,
83.9931

■ 49.6060, 66.9195,
78.0142


■ 70.6987, 77.6356,
86.1223


■ 46.4205, 65.3152,
76.1498


■ 78.2876, 81.5069,
88.3231


■ 43.9636, 64.0861,
74.3452


■ 85.0932, 84.9739,
90.5136


 42.1705, 63.1985,
72.5972


 85.4570, 85.1194,
92.4292


 40.9648, 62.6132,
70.9023


 85.8258, 85.2669,
94.3716

 40.2398, 62.2752,
69.2553

 86.1998, 85.4165,
96.3409

 40.1215, 62.2212,
68.9329

 86.5789, 85.5682,
98.3373

 86.9632, 85.7219,
100.3608

Harmonies

Analogous

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



58.9321, 71.3650, 67.5679



58.3836, 71.3650, 81.9318



60.2624, 71.3650, 96.9045

Triad

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



58.3836, 71.3650, 81.9318



74.2394, 71.3650, 102.4868



71.6037, 71.3650, 53.9559

Complementary

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



58.3836, 71.3650, 81.9318



54.7400, 47.8513, 46.3985

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.



76.0067, 71.3650, 61.2242



58.3836, 71.3650, 81.9318



77.5819, 71.3650, 88.8071

Square

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



58.3836, 71.3650, 81.9318



69.2908, 71.3650, 109.7272



78.2447, 71.3650, 73.6249



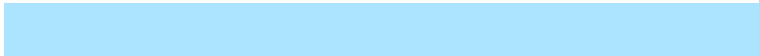
66.3905, 71.3650, 52.6101

Rectangle

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



58.3836, 71.3650, 81.9318



62.6981, 71.3650, 104.7948



78.2447, 71.3650, 73.6249



73.2351, 71.3650, 55.7381

Sweetspot

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



58.3857, 71.3679, 81.9334



87.5871, 96.1934, 106.7142



53.4197, 69.5721, 47.1738



18.4656, 20.4458, 22.7546



0.0000, 0.0000, 0.0000



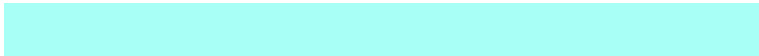
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3857, 71.3679, 81.9334



68.5547, 86.5107, 100.0000



52.8370, 58.7102, 84.8947



14.7370, 16.3082, 18.1459



22.3015, 34.5527, 38.4175



1.6673, 2.5610, 2.9404

Inverse Universe

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



54.7400, 47.8513, 46.3985



63.2979, 52.5761, 48.7426



59.0876, 57.6109, 44.5664



14.4398, 14.3931, 15.2504



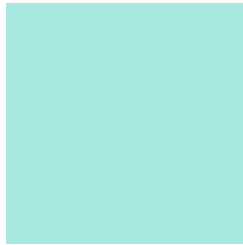
18.5946, 9.5720, 1.4940



1.3953, 0.7158, 0.2224

Previews

White Background



This preview shows how the XYZ color 58.3836, 71.3650, 81.9318 looks on a white background.

Color Contrast Check

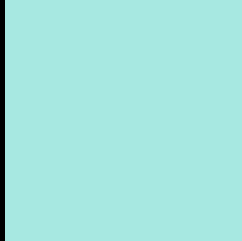
Large Text (above 18pt) WCAG AA × Fail

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 58.3836, 71.3650, 81.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

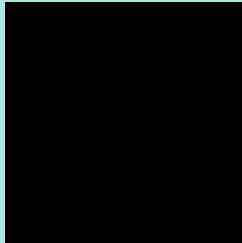
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3836, 71.3650, 81.9318

Background



This preview shows how black text looks on a background with the XYZ color 58.3836, 71.3650, 81.9318.



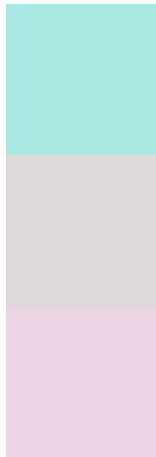
This preview shows how white text looks on a background with the XYZ color 58.3836, 71.3650,

81.9318.

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

58.3836, 71.3650, 81.9318

Protanopia

68.0272, 70.8405, 75.7338

Deuteranopia

72.2784, 70.5770, 83.9420



Tritanopia

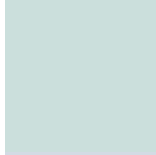
61.8211, 71.5247, 98.5430

Trichromacy



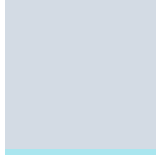
Original Color

58.3836, 71.3650, 81.9318



Protanomaly

63.9345, 70.6392, 77.9752



Deuteranomaly

66.1991, 70.1134, 83.4430



Tritanomaly

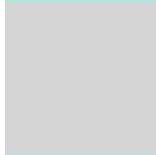
60.4544, 71.3717, 92.2512

Monochromacy



Original Color

58.3836, 71.3650, 81.9318



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.6209, 67.4086, 75.4617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3836, 71.3650, 81.9318 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(167, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(167, 232, 225)  
}
```

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(167, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 232, 225) }
```

Border

The CSS property to change the border of an element to XYZ 58.3836, 71.3650, 81.9318 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(167, 232, 225) }
```


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

```
.border{ border-color:rgb(167, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(167, 232,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3836, 71.3650, 81.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 232, 225) }
```

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

```
.background{ background-color: rgb(167,  
232, 225) }
```

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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