

Converting Colors

XYZ(55.1861, 71.1289, 73.1267)

Have a look what the booklet for
XYZ(55.1861, 71.1289, 73.1267)
contains.

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Color

**XYZ(55.3023, 71.2380,
73.1229)**

Conversions

Conversions Part 1

Format	Color
Hex	9CEBD4
RGB	156, 235, 212
RGB Percent	61%, 92%, 83%
CMY	0.3882, 0.0784, 0.1686
CMYK	0.34, 0.00, 0.10, 0.08
HSL	163°, 66%, 77%
HSV	163°, 34%, 92%
XYZ	55.3023, 71.2380, 73.1229
YIQ	208.7570, -39.7010, -23.9010

Conversions

Conversions Part 2

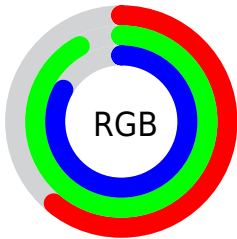
Format	Color
RYB	156, 202, 235
Decimal	10283988
CIELab	87.60, -29.14, 3.48
CIELCh	88, 29.342, 173.193
Yxy	71.2380, 0.2770, 0.3568
Android (android.graphics.Color)	4288474068 (0xFF9CEBD4)
YUV	208.7570, 1.5988, -46.2679
Hunter-Lab	84.4026, -30.7477, 7.7154

Details

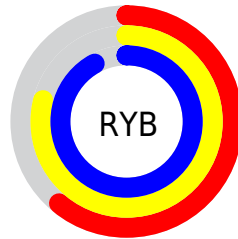
The XYZ color **55.3023, 71.2380, 73.1229** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.2886, 44.6957, 48.4165**, and the grayscale version is **60.4560, 63.6045, 69.2653**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **27.5727, 37.4412, 37.6719** is the 20% darker color. If you saturate the color by 10%, you get **50.3427, 68.7807, 68.4811**, and if you desaturate by 10%, it is **61.1822, 74.1692, 78.0018**.

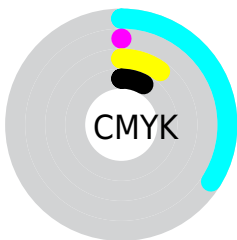
Distribution



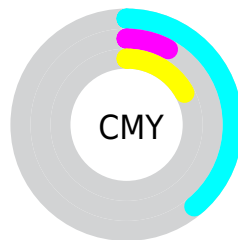
- Red (61%)
- Green (92%)
- Blue (83%)



- Red (61%)
- Yellow (79%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (39%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3023, 71.2380, 73.1229 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 55.3023, 71.2380, 73.1229 by changing the saturation by 10% instead.

 55.3023, 71.2380,
73.1229


 55.3023, 71.2380,
73.1229


397.1746,
464.8850, 490.5228

 39.8786, 52.5364,
53.5840


 97.1295, 120.9725,
125.3742

 27.6277, 37.4328,
37.8783


 124.2637,
152.7743, 158.9237

 18.1842, 25.5428,
25.5871


156.0321,
189.7116, 197.9805

 11.1828, 16.4819,
16.2920

192.8000,
232.1689, 242.9632

 6.2581, 9.8658,
9.5745

234.9329,
280.5304, 294.2902

 3.0448, 5.3101,
5.0158


282.7961,

 1.1775, 2.4303,


335.1807, 352.3801


2.1977


336.7548,
396.5041, 417.6515


 0.0885, 0.8414,
0.6730

 0.0000, 0.0000,
0.0000


 55.3023, 71.2380,
73.1229


 55.3023, 71.2380,
73.1229


 50.3427, 68.7807,
68.4811


 61.1822, 74.1692,
78.0018


 46.2461, 66.7623,
64.0668

 68.0237, 77.5900,
83.1175

 42.9578, 65.1565,
59.8766

 75.8728, 81.5258,
88.4759

 40.4143, 63.9305,
55.9051

 84.7706, 85.9980,
94.0811

■ 38.5422, 63.0467,
52.1463

■ 87.6171, 87.3461,
99.6030

■ 37.2522, 62.4589,
48.5937

■ 88.6883, 87.7746,
105.2439

■ 36.6457, 62.1936,
46.4286

■ 88.9996, 87.8991,
106.8832

Harmonies

Analogous

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



57.5754, 71.2380, 56.8442



55.3023, 71.2380, 73.1229



56.1671, 71.2380, 93.6153

Triad

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



55.3023, 71.2380, 73.1229



73.1033, 71.2380, 118.2749



76.0252, 71.2380, 50.8094

Complementary

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



55.3023, 71.2380, 73.1229



54.2886, 44.6957, 48.4165

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.



80.7341, 71.2380, 63.4647



55.3023, 71.2380, 73.1229



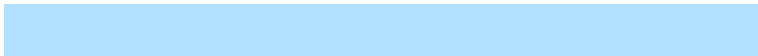
78.9682, 71.2380, 102.7959

Square

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



55.3023, 71.2380, 73.1229



66.1398, 71.2380, 122.0500



81.8463, 71.2380, 82.1857



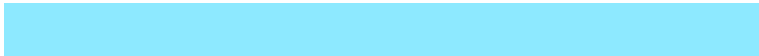
69.3040, 71.2380, 45.4645

Rectangle

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



55.3023, 71.2380, 73.1229



58.4374, 71.2380, 106.7818



81.8463, 71.2380, 82.1857



77.9141, 71.2380, 54.2338

Sweetspot

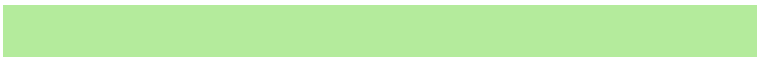
The Sweet Spot groups the original color and five complimentary colors.



55.3043, 71.2409, 73.1245



85.1103, 95.0114, 102.3151



54.4639, 71.4873, 42.3816



17.9397, 20.1973, 21.7067



0.0000, 0.0000, 0.0000



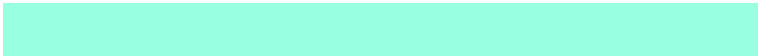
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3043, 71.2409, 73.1245



62.5286, 83.7450, 84.3184



54.0917, 63.8362, 88.0712



15.3199, 17.0428, 18.3673



20.4524, 34.6354, 26.1450



1.6475, 2.7363, 2.2715

Inverse Universe

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



54.2886, 44.6957, 48.4165



61.1472, 47.4488, 50.5714



54.9785, 49.4935, 38.1093



15.2459, 15.1262, 16.5800



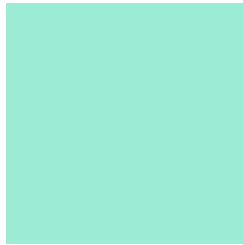
19.7039, 10.0842, 4.2419



1.5878, 0.8081, 0.5467

Previews

White Background



This preview shows how the XYZ color 55.3023, 71.2380, 73.1229 looks on a white background.

Color Contrast Check

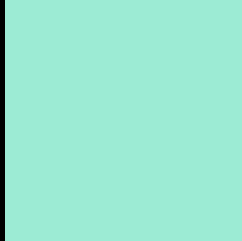
Large Text (above 18pt) WCAG AA × Fail

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 55.3023, 71.2380, 73.1229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

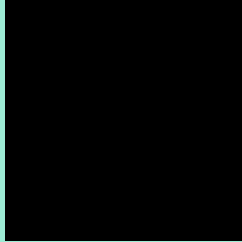
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3023, 71.2380, 73.1229

Background



This preview shows how black text looks on a background with the XYZ color 55.3023, 71.2380, 73.1229.



This preview shows how white text looks on a background with the XYZ color 55.3023, 71.2380,

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

55.3023, 71.2380, 73.1229

Protanopia

67.2149, 70.6234, 66.5890

Deuteranopia

72.0030, 70.6220, 75.4821



Tritanopia

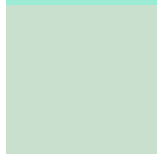
60.5499, 71.2635, 99.3708

Trichromacy



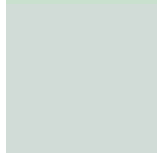
Original Color

55.3023, 71.2380, 73.1229



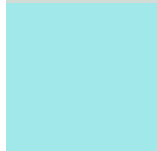
Protanomaly

61.8836, 70.1850, 68.6780



Deuteranomaly

64.1534, 69.6480, 74.3521



Tritanomaly

58.5500, 71.2885, 89.2714

Monochromacy



Original Color

55.3023, 71.2380, 73.1229



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.9395, 65.7431, 70.6087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3023, 71.2380, 73.1229 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(156, 235, 212)` looks like.

```
.text, #text, p{  
    color:rgb(156, 235, 212)  
}
```

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(156, 235, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 235, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.3023, 71.2380, 73.1229 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(156, 235, 212) }
```


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

```
.border{ border-color:rgb(156, 235, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 235, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 235, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 235, 212);  
box-shadow:4px 4px 4px 4px rgb(156, 235,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3023, 71.2380, 73.1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 235, 212) }
```

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

```
.background{ background-color: rgb(156,  
235, 212) }
```

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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