

Converting Colors

XYZ(56.0678, 71.3353, 78.8886)

Have a look what the booklet for
XYZ(56.0678, 71.3353, 78.8886)
contains.

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Color

**XYZ(56.2770, 71.6057,
79.2618)**

Conversions

Conversions Part 1

Format	Color
Hex	9BEBDD
RGB	155, 235, 221
RGB Percent	61%, 92%, 87%
CMY	0.3921, 0.0784, 0.1333
CMYK	0.34, 0.00, 0.06, 0.08
HSL	169°, 67%, 76%
HSV	169°, 34%, 92%
XYZ	56.2770, 71.6057, 79.2618
YIQ	209.4840, -43.1860, -21.3140

Conversions

Conversions Part 2

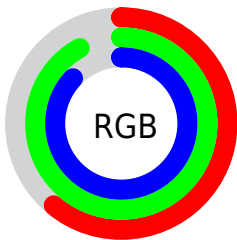
Format	Color
RYB	155, 199, 235
Decimal	10218461
CIELab	87.78, -27.46, -0.99
CIELCh	88, 27.482, 182.055
Yxy	71.6057, 0.2717, 0.3457
Android (android.graphics.Color)	4288408541 (0xFF9BEBDD)
YUV	209.4840, 5.6774, -47.7825
Hunter-Lab	84.6202, -29.3731, 3.6985

Details

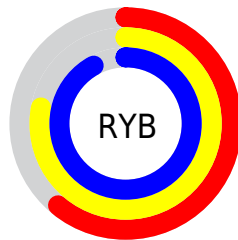
The XYZ color **56.2770, 71.6057, 79.2618** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.1461, 43.9713, 43.2249**, and the grayscale version is **60.9064, 64.0782, 69.7812**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **28.2586, 37.7027, 41.8644** is the 20% darker color. If you saturate the color by 10%, you get **51.6575, 69.2887, 76.2210**, and if you desaturate by 10%, it is **61.7917, 74.3863, 82.4177**.

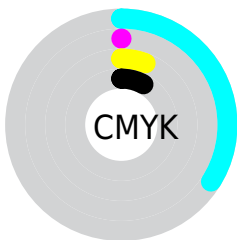
Distribution



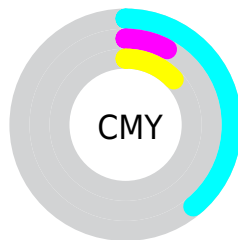
- Red (61%)
- Green (92%)
- Blue (87%)



- Red (61%)
- Yellow (78%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (39%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2770, 71.6057, 79.2618 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 56.2770, 71.6057, 79.2618 by changing the saturation by 10% instead.


 56.2770, 71.6057,
79.2618


 56.2770, 71.6057,
79.2618


400.7927,
466.1680, 512.0826

 40.6629, 52.8366,
58.5885


 98.5469, 121.4958,
134.1294

 28.2423, 37.6724,
41.8641

 125.9335,
153.3856, 169.1607

 18.6498, 25.7285,
28.6701


157.9749,
190.4178, 209.8151

 11.5200, 16.6206,
18.5880

195.0366,
232.9767, 256.5112

 6.4876, 9.9644,
11.1992

237.4839,
281.4468, 309.6674

 3.1872, 5.3754,
6.0851

285.6820,

 1.2535, 2.4691,

336.2125, 369.7024

2.8273

339.9965,
397.6581, 437.0346

■ 0.1480, 0.8611,
1.0071

■ 0.0000, 0.0000,
0.0000

■ 56.2770, 71.6057,
79.2618

■ 56.2770, 71.6057,
79.2618

■ 51.6575, 69.2887,
76.2210

■ 61.7917, 74.3863,
82.4177

■ 47.8759, 67.4001,
73.2875


■ 68.2424, 77.6462,
85.6864


■ 44.8776, 65.9140,
70.4597


■ 75.6751, 81.4106,
89.0722


■ 42.5991, 64.7973,
67.7343


■ 84.1307, 85.7008,
92.5774


 40.9669, 64.0124,
65.1071

 86.9118, 87.0641,
95.8890


 39.8912, 63.5128,
62.5736

 87.5353, 87.3135,
99.1722

 39.4328, 63.3085,
61.1048

 88.1727, 87.5685,
102.5290

 88.8243, 87.8291,
105.9599

 88.9996, 87.8992,
106.8832

Harmonies

Analogous

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



57.5682, 71.6057, 62.3137



56.2770, 71.6057, 79.2618



57.9715, 71.6057, 98.6297

Triad

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



56.2770, 71.6057, 79.2618



74.9361, 71.6057, 112.5501



74.1084, 71.6057, 50.3415

Complementary

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



56.2770, 71.6057, 79.2618



53.1461, 43.9713, 43.2249

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.



79.2539, 71.6057, 60.4117



56.2770, 71.6057, 79.2618



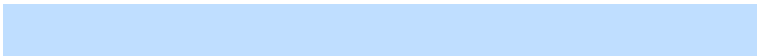
79.7528, 71.6057, 96.0427

Square

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



56.2770, 71.6057, 79.2618



68.5099, 71.6057, 119.6613



81.3805, 71.6057, 76.6853



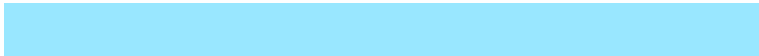
67.6102, 71.6057, 47.2931

Rectangle

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



56.2770, 71.6057, 79.2618



60.6334, 71.6057, 109.8672



81.3805, 71.6057, 76.6853



76.0675, 71.6057, 52.9287

Sweetspot

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



56.2791, 71.6086, 79.2634



85.5725, 95.1962, 104.7489



52.1324, 70.2951, 41.8321



18.0520, 20.2422, 22.2982



0.0000, 0.0000, 0.0000



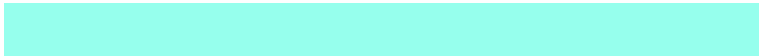
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2791, 71.6086, 79.2634



63.6630, 84.1437, 92.7776



51.4794, 58.8979, 87.2558



15.3979, 17.0740, 18.7783



21.9877, 35.2496, 34.2300



1.7563, 2.7798, 2.8444

Inverse Universe

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



53.1461, 43.9713, 43.2249



59.3562, 46.0718, 43.1772



56.5683, 52.8081, 38.2230



15.1731, 15.0971, 16.1967



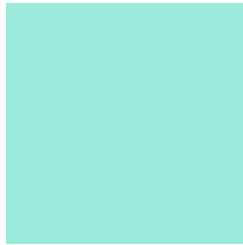
19.3243, 9.9324, 2.2431



1.5486, 0.7924, 0.3405

Previews

White Background



This preview shows how the XYZ color 56.2770, 71.6057, 79.2618 looks on a white background.

Color Contrast Check

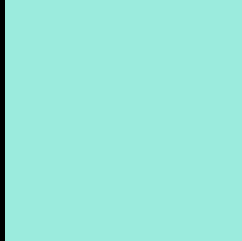
Large Text (above 18pt) WCAG AA × Fail

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 56.2770, 71.6057, 79.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

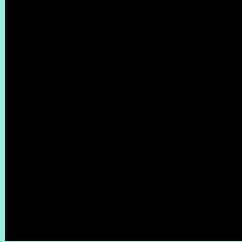
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

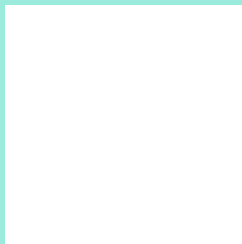
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2770, 71.6057, 79.2618

Background



This preview shows how black text looks on a background with the XYZ color 56.2770, 71.6057, 79.2618.



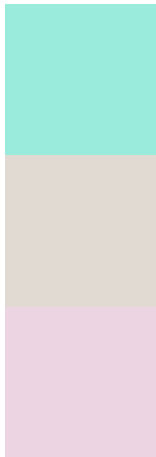
This preview shows how white text looks on a background with the XYZ color 56.2770, 71.6057,

79.2618.

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

56.2770, 71.6057, 79.2618

Protanopia

67.8806, 70.8535, 71.7264

Deuteranopia

72.1960, 70.5825, 81.7701



Tritanopia

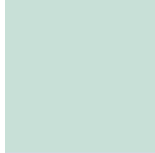
60.5751, 71.6728, 100.2641

Trichromacy



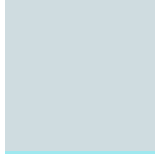
Original Color

56.2770, 71.6057, 79.2618



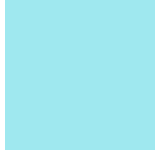
Protanomaly

62.7408, 70.4970, 74.5905



Deuteranomaly

64.7799, 69.8336, 80.5860



Tritanomaly

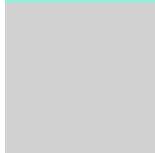
58.7347, 71.3161, 92.3311

Monochromacy



Original Color

56.2770, 71.6057, 79.2618



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.0679, 65.7657, 72.5843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2770, 71.6057, 79.2618 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(155, 235, 221)` looks like.

```
.text, #text, p{  
    color:rgb(155, 235, 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(155, 235, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 235, 221) }
```

Border

The CSS property to change the border of an element to XYZ 56.2770, 71.6057, 79.2618 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(155, 235, 221) }
```


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

```
.border{ border-color:rgb(155, 235, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 235, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(155, 235,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2770, 71.6057, 79.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 235, 221) }
```

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

```
.background{ background-color: rgb(155,  
235, 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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