

Converting Colors

XYZ(56.0559, 70.5841, 81.9038)

Have a look what the booklet for
XYZ(56.0559, 70.5841, 81.9038)
contains.

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Color

**XYZ(56.0559, 70.5841,
81.9038)**

Conversions

Conversions Part 1

Format	Color
Hex	9AE9E1
RGB	154, 233, 225
RGB Percent	60%, 91%, 88%
CMY	0.3961, 0.0863, 0.1176
CMYK	0.34, 0.00, 0.03, 0.09
HSL	174°, 64%, 76%
HSV	174°, 34%, 91%
XYZ	56.0559, 70.5841, 81.9038
YIQ	208.4670, -44.5160, -19.2360

Conversions

Conversions Part 2

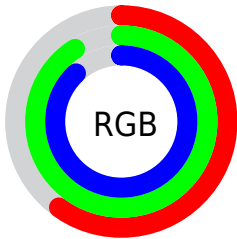
Format	Color
RYB	154, 196, 233
Decimal	10152417
CIELab	87.28, -25.88, -3.82
CIElCh	87, 26.158, 188.392
Yxy	70.5841, 0.2688, 0.3385
Android (android.graphics.Color)	4288342497 (0xFF9AE9E1)
YUV	208.4670, 8.1508, -47.7676
Hunter-Lab	84.0143, -27.9267, 1.0095

Details

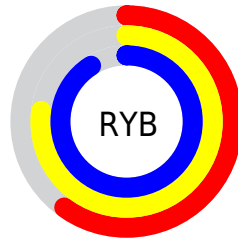
The XYZ color **56.0559, 70.5841, 81.9038** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.6838, 43.0453, 39.7695**, and the grayscale version is **60.2284, 63.3649, 69.0044**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **28.1234, 36.9992, 43.6895** is the 20% darker color. If you saturate the color by 10%, you get **51.7252, 68.3902, 80.0332**, and if you desaturate by 10%, it is **61.2559, 73.2291, 83.8413**.

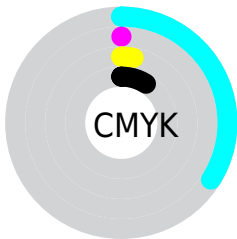
Distribution



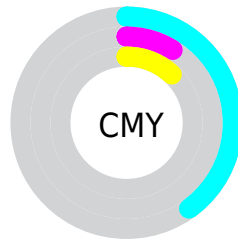
- Red (60%)
- Green (91%)
- Blue (88%)



- Red (60%)
- Yellow (77%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)





- Cyan (40%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0559, 70.5841, 81.9038 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 56.0559, 70.5841, 81.9038 by changing the saturation by 10% instead.


 56.0559, 70.5841,
81.9038


 56.0559, 70.5841,
81.9038


399.9737,
462.5982, 521.2008

 40.4849, 52.0029,
60.7509


 98.2256, 120.0413,
137.8746

 28.1027, 37.0074,
43.5949

 125.5551,
151.6861, 173.5295

 18.5440, 25.2132,
30.0173


157.5348,
188.4542, 214.8555

 11.4433, 16.2360,
19.5996

194.5300,
230.7301, 262.2712

 6.4353, 9.6913,
11.9231

236.9062,
278.8980, 316.1950

 3.1547, 5.1947,
6.5694


285.0286,

 1.2361, 2.3620,


333.3424, 377.0455


3.1200


339.2627,
394.4477, 445.2413

 0.1346, 0.8062,
1.1562

 0.0000, 0.0000,
0.0000


 56.0559, 70.5841,
81.9038


 56.0559, 70.5841,
81.9038

 51.7252, 68.3902,
80.0332


 61.2559, 73.2291,
83.8413


 48.2075, 66.6133,
78.2223


 67.3651, 76.3405,
85.8432


 45.4499, 65.2276,
76.4701


 74.4281, 79.9432,
87.9132


 43.3903, 64.2013,
74.7734


 82.4851, 84.0577,
90.0532


 41.9569, 63.4972,
73.1289

 85.6374, 85.6432,
91.9872


 41.0622, 63.0704,
71.5325

 85.9843, 85.7819,
93.8137

 40.6986, 62.9037,
70.5791

 86.3357, 85.9225,
95.6641

 86.6917, 86.0649,
97.5386

 87.0522, 86.2091,
99.4373

Harmonies

Analogous

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



56.6831, 70.5841, 65.0447



56.0559, 70.5841, 81.9038



58.2397, 70.5841, 99.8646

Triad

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



56.0559, 70.5841, 81.9038



74.7036, 70.5841, 106.5723



71.5378, 70.5841, 49.4708

Complementary

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



56.0559, 70.5841, 81.9038



51.6838, 43.0453, 39.7695

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.



76.7902, 70.5841, 57.6812



56.0559, 70.5841, 81.9038



78.6943, 70.5841, 90.0127

Square

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



56.0559, 70.5841, 81.9038



68.8289, 70.5841, 115.4640



79.4803, 70.5841, 72.0163



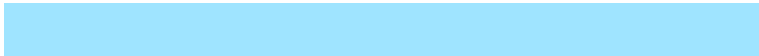
65.3769, 70.5841, 47.9820

Rectangle

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



56.0559, 70.5841, 81.9038



61.0791, 70.5841, 109.4567



79.4803, 70.5841, 72.0163



73.4787, 70.5841, 51.4683

Sweetspot

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



56.0579, 70.5869, 81.9054



85.8697, 95.3151, 106.3141



50.1224, 68.4232, 41.1384



18.1244, 20.2712, 22.6793



0.0000, 0.0000, 0.0000



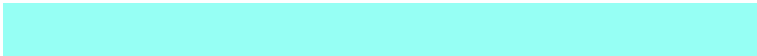
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0579, 70.5869, 81.9054



64.8120, 84.6034, 98.8283



49.3255, 55.3337, 85.1748



15.4481, 17.0941, 19.0424



23.1189, 35.7020, 40.1869



1.8344, 2.8111, 3.2558

Inverse Universe

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



51.6838, 43.0453, 39.7695



58.6549, 45.7912, 39.4842



56.6388, 54.0578, 38.0221



15.1275, 15.0788, 15.9565



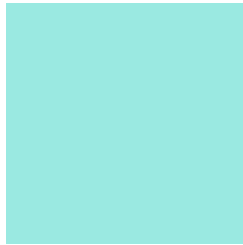
19.1798, 9.8746, 1.4821



1.5270, 0.7838, 0.2266

Previews

White Background



This preview shows how the XYZ color 56.0559, 70.5841, 81.9038 looks on a white background.

Color Contrast Check

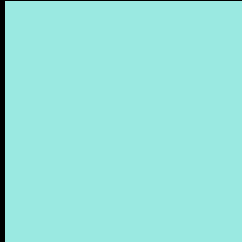
Large Text (above 18pt) WCAG AA × Fail

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 56.0559, 70.5841, 81.9038 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

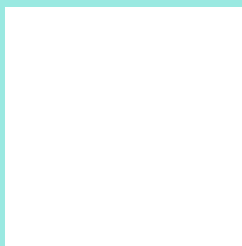
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0559, 70.5841, 81.9038

Background



This preview shows how black text looks on a background with the XYZ color 56.0559, 70.5841, 81.9038.



This preview shows how white text looks on a background with the XYZ color 56.0559, 70.5841,

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

56.0559, 70.5841, 81.9038

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

71.1815, 69.6253, 84.5503



Tritanopia

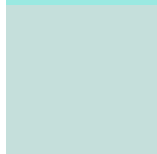
59.7373, 70.8445, 99.3328

Trichromacy



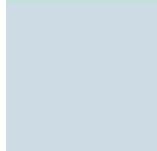
Original Color

56.0559, 70.5841, 81.9038



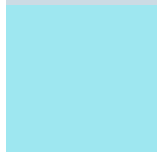
Protanomaly

62.1998, 69.7601, 77.2046



Deuteranomaly

64.2369, 69.1018, 83.3511



Tritanomaly

58.4046, 70.7122, 93.0086

Monochromacy



Original Color

56.0559, 70.5841, 81.9038



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.6895, 65.1721, 73.1572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0559, 70.5841, 81.9038 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(154, 233, 225)` looks like.

```
.text, #text, p{  
    color:rgb(154, 233, 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(154, 233, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 233, 225) }
```

Border

The CSS property to change the border of an element to XYZ 56.0559, 70.5841, 81.9038 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(154, 233, 225) }
```


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

```
.border{ border-color:rgb(154, 233, 225) }
```

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

Here you see how a box with a 4 pixel rgb(154, 233, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 233, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 233, 225);  
box-shadow:4px 4px 4px 4px rgb(154, 233,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0559, 70.5841, 81.9038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 233, 225) }
```

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

```
.background{ background-color: rgb(154,  
233, 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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