

Converting Colors

XYZ(55.9983, 70.4754, 82.2838)

Have a look what the booklet for
XYZ(55.9983, 70.4754, 82.2838)
contains.

| | |
|--|----|
| XYZ(56.1928, 70.6388, 82.6245) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(56.1928, 70.6388,
82.6245)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9AE9E2 |
| RGB | 154, 233, 226 |
| RGB Percent | 60%, 91%, 89% |
| CMY | 0.3961, 0.0863, 0.1137 |
| CMYK | 0.34, 0.00, 0.03, 0.09 |
| HSL | 175°, 64%, 76% |
| HSV | 175°, 34%, 91% |
| XYZ | 56.1928, 70.6388, 82.6245 |
| YIQ | 208.5810, -44.8370, -18.9250 |

Conversions

Conversions Part 2

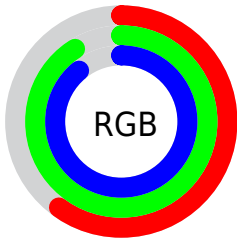
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 154, 195, 233 |
| Decimal | 10152418 |
| CIELab | 87.31, -25.65, -4.30 |
| CIELCh | 87, 26.010, 189.524 |
| Yxy | 70.6388, 0.2683, 0.3372 |
| Android (android.graphics.Color) | 4288342498 (0xFF9AE9E2) |
| YUV | 208.5810, 8.5876, -47.8675 |
| Hunter-Lab | 84.0469, -27.7390, 0.5462 |

Details

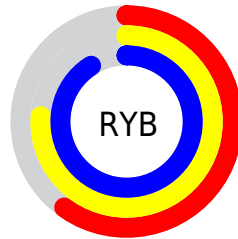
The XYZ color **56.1928, 70.6388, 82.6245** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.5953, 43.0101, 39.3033**, and the grayscale version is **60.2999, 63.4402, 69.0864**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **28.2184, 37.0372, 44.1897** is the 20% darker color. If you saturate the color by 10%, you get **51.9001, 68.4602, 80.9545**, and if you desaturate by 10%, it is **61.3537, 73.2682, 84.3560**.

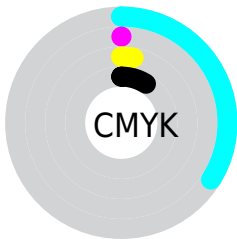
Distribution



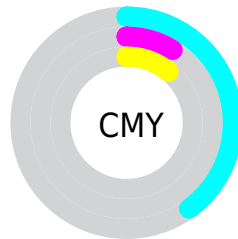
- Red (60%)
- Green (91%)
- Blue (89%)



- Red (60%)
- Yellow (76%)
- Blue (91%)



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





- Cyan (40%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1928, 70.6388, 82.6245 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 56.1928, 70.6388, 82.6245 by changing the saturation by 10% instead.


 56.1928, 70.6388,
82.6245


 56.1928, 70.6388,
82.6245

400.4809,
462.7898, 523.6724

 40.5951, 52.0475,
61.3416


 98.4246, 120.1193,
138.8939

 28.1891, 37.0429,
44.0686

 125.7894,
151.7772, 174.7176

 18.6095, 25.2407,
30.3868


157.8074,
188.5595, 216.2252

 11.4908, 16.2565,
19.8779

194.8437,
230.8505, 263.8354

 6.4677, 9.7058,
12.1231

237.2639,
279.0347, 317.9667

 3.1748, 5.2044,
6.7040

285.4333,

 1.2469, 2.3677,

333.4963, 379.0376

3.2021

339.7172,
394.6199, 447.4666

■ 0.1429, 0.8092,
1.1987

■ 0.0000, 0.0000,
0.0000

■ 56.1928, 70.6388,
82.6245

■ 56.1928, 70.6388,
82.6245

■ 51.9001, 68.4602,
80.9545

■ 61.3537, 73.2682,
84.3560

■ 48.4195, 66.6980,
79.3387

■ 67.4227, 76.3635,
86.1464

■ 45.6979, 65.3267,
77.7761

■ 74.4446, 79.9497,
87.9994

■ 43.6733, 64.3144,
76.2638

■ 82.4593, 84.0473,
89.9168

■ 42.2739, 63.6239,
74.7983

■ 85.5682, 85.6154,
91.6226

■ 41.4121, 63.2103,
73.3755

■ 85.8706, 85.7364,
93.2153

■ 41.0681, 63.0514,
72.5254

■ 86.1765, 85.8588,
94.8263

■ 86.4860, 85.9826,
96.4558

■ 86.7989, 86.1077,
98.1037

Harmonies

Analogous

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



56.7105, 70.6388, 65.7188



56.1928, 70.6388, 82.6245



58.4678, 70.6388, 100.4110

Triad

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



56.1928, 70.6388, 82.6245



74.9091, 70.6388, 105.9411



71.3403, 70.6388, 49.4696

Complementary

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



56.1928, 70.6388, 82.6245



51.5953, 43.0101, 39.3033

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.



76.6301, 70.6388, 57.4017



56.1928, 70.6388, 82.6245



78.7758, 70.6388, 89.3126

Square

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



56.1928, 70.6388, 82.6245



69.1056, 70.6388, 115.1584



79.4241, 70.6388, 71.4722



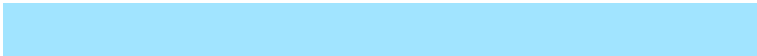
65.2122, 70.6388, 48.2398

Rectangle

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



56.1928, 70.6388, 82.6245



61.3482, 70.6388, 109.7604



79.4241, 70.6388, 71.4722



73.2855, 70.6388, 51.3760

Sweetspot

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



56.1949, 70.6416, 82.6261



85.9211, 95.3357, 106.5844



49.8538, 68.2847, 41.1260



18.1369, 20.2762, 22.7451



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.



56.1949, 70.6416, 82.6261



65.0142, 84.6842, 99.8930



49.0165, 54.7156, 85.0717



15.4567, 17.0975, 19.0880



23.3258, 35.7848, 41.2760



1.8486, 2.8167, 3.3303

Inverse Universe

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



51.5953, 43.0101, 39.3033



58.5387, 45.7448, 38.8724



56.9142, 54.6086, 38.1141



15.1197, 15.0757, 15.9155



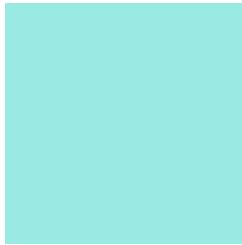
19.1617, 9.8674, 1.3868



1.5233, 0.7823, 0.2070

Previews

White Background



This preview shows how the XYZ color 56.1928, 70.6388, 82.6245 looks on a white background.

Color Contrast Check

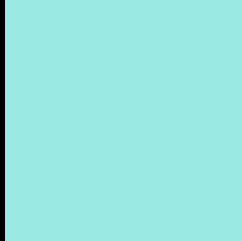
Large Text (above 18pt) WCAG AA × Fail

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 56.1928, 70.6388, 82.6245 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

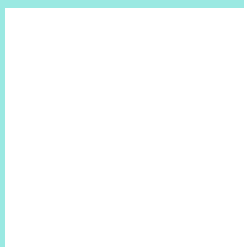
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1928, 70.6388, 82.6245

Background



This preview shows how black text looks on a background with the XYZ color 56.1928, 70.6388, 82.6245.



This preview shows how white text looks on a background with the XYZ color 56.1928, 70.6388,

82.6245.

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

56.1928, 70.6388, 82.6245

Protanopia

67.4614, 70.1651, 75.6333

Deuteranopia

71.3223, 69.6817, 85.2921



Tritanopia

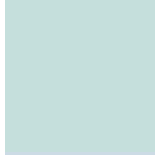
59.5382, 70.7419, 99.3235

Trichromacy



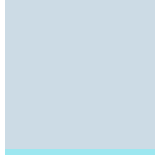
Original Color

56.1928, 70.6388, 82.6245



Protanomaly

62.3319, 69.8130, 77.9002



Deuteranomaly

64.3762, 69.1575, 84.0845



Tritanomaly

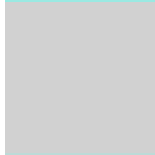
58.2087, 70.6112, 92.9995

Monochromacy



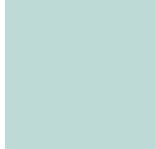
Original Color

56.1928, 70.6388, 82.6245



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.3234, 65.8679, 73.9298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1928, 70.6388, 82.6245 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(154, 233, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 233, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.1928, 70.6388, 82.6245 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, 226) }
```


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

```
.border{ border-color:rgb(154, 233, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 233, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 233, 226);  
box-shadow:4px 4px 4px 4px rgb(154, 233,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1928, 70.6388, 82.6245 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, 226) }
```

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

```
.background{ background-color: rgb(154,  
233, 226) }
```

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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