

Converting Colors

XYZ(56.1960, 67.8465, 82.3269)

Have a look what the booklet for
XYZ(56.1960, 67.8465, 82.3269)
contains.

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Color

**XYZ(56.0281, 67.6702,
82.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E2E2
RGB	163, 226, 226
RGB Percent	64%, 89%, 89%
CMY	0.3608, 0.1137, 0.1137
CMYK	0.28, 0.00, 0.00, 0.11
HSL	180°, 52%, 76%
HSV	180°, 28%, 89%
XYZ	56.0281, 67.6702, 82.0602
YIQ	207.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

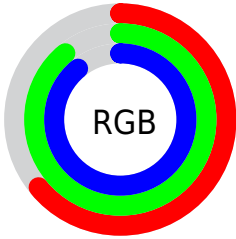
Format	Color
RYB	163, 195, 226
Decimal	10740450
CIELab	85.84, -19.73, -6.42
CIELCh	86, 20.752, 198.016
Yxy	67.6702, 0.2723, 0.3289
Android (android.graphics.Color)	4288930530 (0xFFA3E2E2)
YUV	207.1630, 9.2866, -38.7310
Hunter-Lab	82.2619, -22.3830, -1.5613

Details

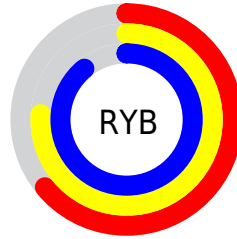
The XYZ color **56.0281, 67.6702, 82.0602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0745, 45.0095, 40.6488**, and the grayscale version is **59.3742, 62.4662, 68.0257**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **28.2203, 35.3173, 43.8576** is the 20% darker color. If you saturate the color by 10%, you get **51.8083, 65.4965, 81.8635**, and if you desaturate by 10%, it is **61.0788, 70.2756, 82.2987**.

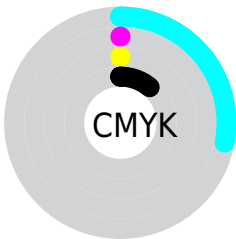
Distribution



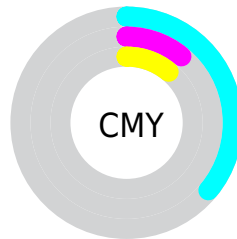
- Red (64%)
- Green (89%)
- Blue (89%)



- Red (64%)
- Yellow (76%)
- Blue (89%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0281, 67.6702, 82.0602 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 56.0281, 67.6702, 82.0602 by changing the saturation by 10% instead.

■ 56.0281, 67.6702,
82.0602

■ 56.0281, 67.6702,
82.0602

399.8707,
452.3266, 521.7378

■ 40.4625, 49.6295,
60.8791

■ 98.1852, 115.8802,
138.0959

■ 28.0852, 35.1191,
43.6976

■ 125.5075,
146.8183, 173.7875

■ 18.5307, 23.7546,
30.0974

157.4794,
182.8243, 215.1529

■ 11.4336, 15.1517,
19.6599

194.4663,
224.2826, 262.6109

■ 6.4287, 8.9259,
11.9664

236.8335,
271.5776, 316.5798

■ 3.1506, 4.6929,
6.5986

284.9464,

■ 1.2339, 2.0682,

325.0936, 377.4782

3.1377

339.1704,
385.2152, 445.7247

■ 0.1329, 0.6467,
1.1654

■ 0.0000, 0.0000,
0.0000

■ 56.0281, 67.6702,
82.0602

■ 56.0281, 67.6702,
82.0602

■ 51.8083, 65.4965,
81.8635

■ 61.0788, 70.2756,
82.2987

■ 48.3693, 63.7237,
81.7019

■ 66.9952, 73.3256,
82.5762

■ 45.6651, 62.3296,
81.5747

■ 73.8175, 76.8426,
82.8962

■ 43.6422, 61.2868,
81.4794

■ 81.5812, 80.8450,
83.2602

■ 42.2400, 60.5639,
81.4131

■ 82.1658, 81.1463,
83.2882

■ 41.3871, 60.1243,
81.3725

■ 82.1659, 81.1464,
83.2889

■ 40.9844, 59.9167,
81.3530

■ 82.1661, 81.1464,
83.2895

■ 40.9243, 59.8857,
81.3500

■ 82.1662, 81.1465,
83.2902

■ 82.1663, 81.1465,
83.2909

Harmonies

Analogous

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



55.8018, 67.6702, 68.3892



56.0281, 67.6702, 82.0602



58.4077, 67.6702, 94.8563

Triad

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



56.0281, 67.6702, 82.0602



71.3401, 67.6702, 92.5741



66.2311, 67.6702, 50.9671

Complementary

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



56.0281, 67.6702, 82.0602



51.0745, 45.0095, 40.6488

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.



70.6152, 67.6702, 55.9184



56.0281, 67.6702, 82.0602



73.6605, 67.6702, 79.2397

Square

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



56.0281, 67.6702, 82.0602



67.1812, 67.6702, 101.4213



73.3888, 67.6702, 65.8932



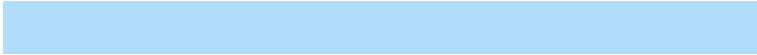
61.5383, 67.6702, 51.5257

Rectangle

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



56.0281, 67.6702, 82.0602



60.9639, 67.6702, 100.6578



73.3888, 67.6702, 65.8932



67.7939, 67.6702, 52.0145

Sweetspot

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



56.0301, 67.6729, 82.0617



87.9389, 96.3341, 108.5665



49.1294, 64.9376, 44.5966



18.5549, 20.4815, 23.2251



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.



56.0301, 67.6729, 82.0617



70.5714, 87.3809, 107.7515



48.4723, 52.5569, 79.5442



14.1166, 15.5724, 17.6493



23.3463, 34.1634, 46.4083



1.6182, 2.3680, 3.2168

Inverse Universe

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



51.0745, 45.0095, 40.6488



63.1113, 53.2639, 45.4095



57.1469, 57.1547, 42.6718



13.7073, 13.7006, 14.2289



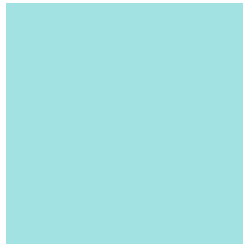
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 56.0281, 67.6702, 82.0602 looks on a white background.

Color Contrast Check

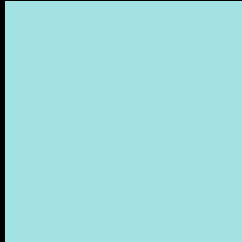
Large Text (above 18pt) WCAG AA × Fail

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 56.0281, 67.6702, 82.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

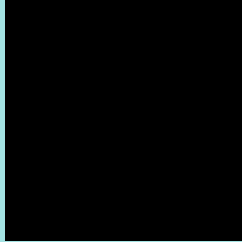
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0281, 67.6702, 82.0602

Background



This preview shows how black text looks on a background with the XYZ color 56.0281, 67.6702, 82.0602.

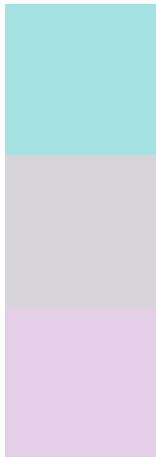


This preview shows how white text looks on a background with the XYZ color 56.0281, 67.6702,

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

56.0281, 67.6702, 82.0602

Protanopia

64.7680, 67.2494, 75.8965

Deuteranopia

68.5174, 67.1558, 84.2140



Tritanopia

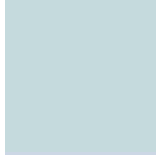
58.4086, 67.8291, 94.0183

Trichromacy



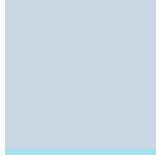
Original Color

56.0281, 67.6702, 82.0602



Protanomaly

61.1485, 67.2336, 78.1611



Deuteranomaly

63.3451, 67.0954, 83.7408



Tritanomaly

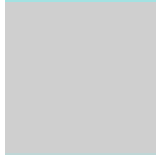
57.5826, 67.9059, 89.4291

Monochromacy



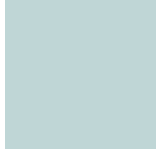
Original Color

56.0281, 67.6702, 82.0602



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

57.6700, 64.0245, 72.9368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0281, 67.6702, 82.0602 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(163, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(163, 226, 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(163, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.0281, 67.6702, 82.0602 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(163, 226, 226) }
```


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

```
.border{ border-color:rgb(163, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(163, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0281, 67.6702, 82.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 226, 226) }
```

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

```
.background{ background-color: rgb(163,  
226, 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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