

Converting Colors

XYZ(56.3543, 67.6042, 81.6147)

Have a look what the booklet for
XYZ(56.3543, 67.6042, 81.6147)
contains.

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Color

**XYZ(56.2417, 67.3937,
81.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E1E1
RGB	166, 225, 225
RGB Percent	65%, 88%, 88%
CMY	0.3490, 0.1176, 0.1176
CMYK	0.26, 0.00, 0.00, 0.12
HSL	180°, 50%, 77%
HSV	180°, 26%, 88%
XYZ	56.2417, 67.3937, 81.2782
YIQ	207.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

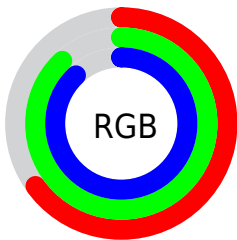
Format	Color
R_{YB}	166, 196, 225
Decimal	10936801
CIE _{Lab}	85.70, -18.60, -6.08
CIE _{LCh}	86, 19.571, 198.092
Yxy	67.3937, 0.2745, 0.3289
Android (android.graphics.Color)	4289126881 (0xFFA6E1E1)
YUV	207.3590, 8.6970, -36.2718
Hunter-Lab	82.0937, -21.3750, -1.2355

Details

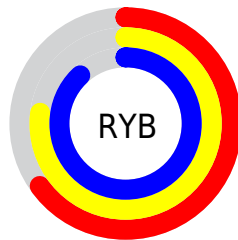
The XYZ color **56.2417, 67.3937, 81.2782** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.5729, 46.0350, 42.2465**, and the grayscale version is **59.5031, 62.6019, 68.1735**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **28.3125, 35.0965, 43.3123** is the 20% darker color. If you saturate the color by 10%, you get **51.9319, 65.1737, 81.0772**, and if you desaturate by 10%, it is **61.3806, 70.0446, 81.5209**.

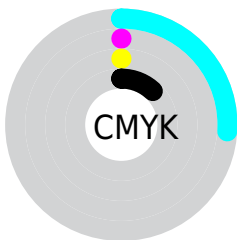
Distribution



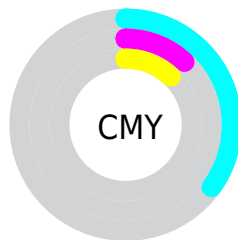
- Red (65%)
- Green (88%)
- Blue (88%)



- Red (65%)
- Yellow (77%)
- Blue (88%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2417, 67.3937, 81.2782 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 56.2417, 67.3937, 81.2782 by changing the saturation by 10% instead.

■ 56.2417, 67.3937,
81.2782

■ 56.2417, 67.3937,
81.2782

400.6620,
451.3449, 519.0500

■ 40.6345, 49.4046,
60.2384

■ 98.4956, 115.4844,
136.9889

■ 28.2200, 34.9406,
43.1843

■ 125.8731,
146.3548, 172.4969

■ 18.6329, 23.6171,
29.6973

157.9047,
182.2877, 213.6647

■ 11.5077, 15.0498,
19.3588

194.9558,
223.6676, 260.9109

■ 6.4792, 8.8544,
11.7504

237.3917,
270.8789, 314.6540

■ 3.1820, 4.6463,
6.4535

285.5778,

■ 1.2507, 2.0413,

324.3060, 375.3125

3.0495

339.8794,
384.3331, 443.3050

■ 0.1459, 0.6313,
1.1200

■ 0.0000, 0.0000,
0.0000

■ 56.2417, 67.3937,
81.2782

■ 56.2417, 67.3937,
81.2782

■ 51.9319, 65.1737,
81.0772

■ 61.3806, 70.0446,
81.5209

■ 48.4023, 63.3541,
80.9112

■ 67.3825, 73.1387,
81.8026

■ 45.6081, 61.9136,
80.7797

■ 74.2867, 76.6979,
82.1265

■ 43.4972, 60.8254,
80.6801

■ 81.7578, 80.5494,
82.4769

■ 42.0111, 60.0594,
80.6098

■ 81.7580, 80.5494,
82.4777

■ 41.0814, 59.5801,
80.5655

■ 81.7581, 80.5495,
82.4784

■ 40.6226, 59.3436,
80.5433

■ 81.7583, 80.5496,
82.4792

■ 40.5161, 59.2887,
80.5380

■ 81.7584, 80.5496,
82.4800

■ 81.7586, 80.5497,
82.4808

Harmonies

Analogous

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



56.0223, 67.3937, 68.4263



56.2417, 67.3937, 81.2782



58.4944, 67.3937, 93.2273

Triad

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



56.2417, 67.3937, 81.2782



70.6551, 67.3937, 91.0457



65.8423, 67.3937, 51.8684

Complementary

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



56.2417, 67.3937, 81.2782



51.5729, 46.0350, 42.2465

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.



69.9587, 67.3937, 56.5711



56.2417, 67.3937, 81.2782



72.8225, 67.3937, 78.5677

Square

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



56.2417, 67.3937, 81.2782



66.7571, 67.3937, 99.3017



72.5619, 67.3937, 66.0113



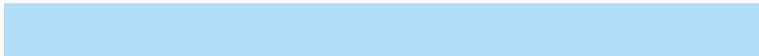
61.4281, 67.3937, 52.4148

Rectangle

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



56.2417, 67.3937, 81.2782



60.9076, 67.3937, 98.6187



72.5619, 67.3937, 66.0113



67.3104, 67.3937, 52.8631

Sweetspot

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



56.2437, 67.3964, 81.2797



87.9389, 96.3341, 108.5664



49.7430, 64.8201, 45.9675



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.



56.2437, 67.3964, 81.2797



71.7026, 87.9640, 107.8041



49.1676, 53.2436, 78.9230



14.1166, 15.5724, 17.6493



23.3462, 34.1633, 46.4077



1.6182, 2.3680, 3.2168

Inverse Universe

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



51.5729, 46.0350, 42.2465



64.5874, 55.4238, 48.3441



57.3437, 57.5771, 44.1688



13.7073, 13.7006, 14.2289



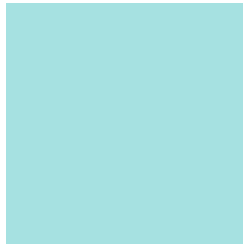
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 56.2417, 67.3937, 81.2782 looks on a white background.

Color Contrast Check

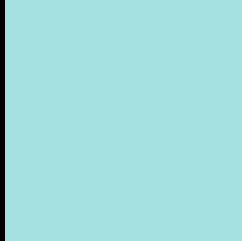
Large Text (above 18pt) WCAG AA × Fail

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 56.2417, 67.3937, 81.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

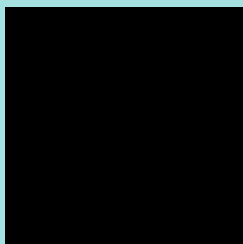
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

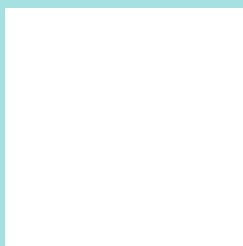
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2417, 67.3937, 81.2782

Background



This preview shows how black text looks on a background with the XYZ color 56.2417, 67.3937, 81.2782.

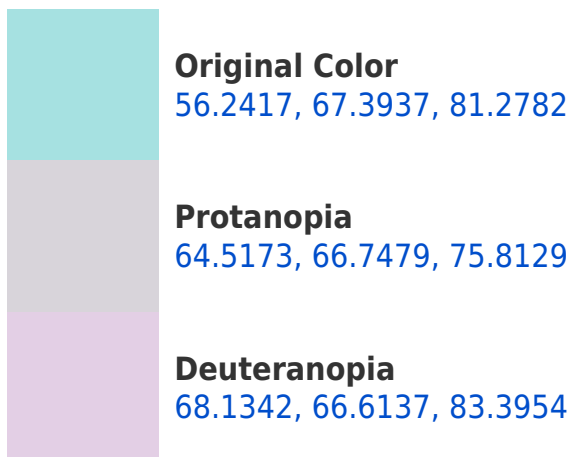


This preview shows how white text looks on a background with the XYZ color 56.2417, 67.3937,

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

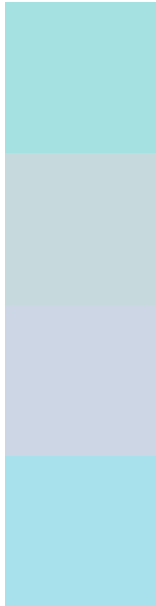




Tritanopia

58.4780, 67.5016, 92.3851

Trichromacy



Original Color

56.2417, 67.3937, 81.2782

Protanomaly

61.1527, 66.8519, 78.0872

Deuteranomaly

63.2270, 66.6737, 82.9357

Tritanomaly

57.7995, 67.6343, 88.6056

Monochromacy



Original Color

56.2417, 67.3937, 81.2782

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9224, 64.1546, 72.9486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2417, 67.3937, 81.2782 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(166, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(166, 225, 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(166, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 56.2417, 67.3937, 81.2782 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(166, 225, 225) }
```


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

```
.border{ border-color:rgb(166, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(166, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2417, 67.3937, 81.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 225, 225) }
```

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

```
.background{ background-color: rgb(166,  
225, 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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