

Converting Colors

XYZ(42.5071, 56.4168, 79.8833)

Have a look what the booklet for
XYZ(42.5071, 56.4168, 79.8833)
contains.

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Color

**XYZ(42.5071, 56.4168,
79.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	5ED7E1
RGB	94, 215, 225
RGB Percent	37%, 84%, 88%
CMY	0.6313, 0.1568, 0.1176
CMYK	0.58, 0.04, 0.00, 0.12
HSL	185°, 69%, 63%
HSV	185°, 58%, 88%
XYZ	42.5071, 56.4168, 79.8833
YIQ	179.9610, -75.3260, -22.5420

Conversions

Conversions Part 2

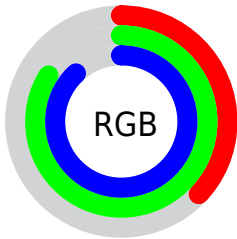
Format	Color
RYB	94, 157, 225
Decimal	6215649
CIELab	79.85, -30.78, -15.12
CIELCh	80, 34.298, 206.164
Yxy	56.4168, 0.2377, 0.3155
Android (android.graphics.Color)	4284405729 (0xFF5ED7E1)
YUV	179.9610, 22.2042, -75.3878
Hunter-Lab	75.1111, -30.4272, -10.4792

Details

The XYZ color **42.5071, 56.4168, 79.8833** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **38.0232, 26.7175, 13.7441**, and the grayscale version is **43.2768, 45.5305, 49.5828**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **19.8265, 28.0439, 42.3983** is the 20% darker color. If you saturate the color by 10%, you get **40.0929, 54.5277, 79.6469**, and if you desaturate by 10%, it is **45.6017, 58.6659, 80.1554**.

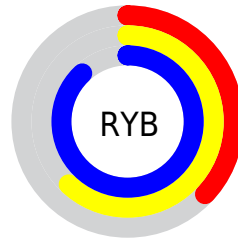
Distribution



Red (37%)

Green (84%)

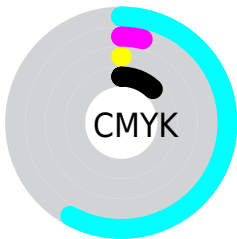
Blue (88%)



Red (37%)

Yellow (62%)

Blue (88%)

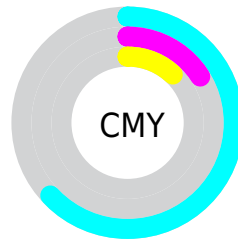


Cyan (58%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (63%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5071, 56.4168, 79.8833 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 42.5071, 56.4168, 79.8833 by changing the saturation by 10% instead.

42.5071, 56.4168,
79.8833

42.5071, 56.4168,
79.8833

347.5367,
411.2604, 514.2359

29.6914, 40.5372,
59.0967

78.2269, 99.6137,
135.0116

19.7514, 27.9576,
42.2705

101.8617,
127.6998, 170.1903

12.3217, 18.2937,
28.9860

129.8336,
160.6236, 211.0036

7.0369, 11.1611,
18.8247

162.5079,
198.7693, 257.8698

3.5317, 6.1753,
11.3682

200.2500,
242.5215, 311.2076

1.4408, 2.9520,
6.1978

243.4253,

0.2850, 1.1067,

292.2644, 371.4356

2.8950

292.3991,
348.3826, 438.9721

■ 0.0000, 0.0000,
1.0413

■ 0.0000, 0.0000,
0.0000

■ 42.5071, 56.4168,
79.8833

■ 42.5071, 56.4168,
79.8833

■ 40.0929, 54.5277,
79.6469

■ 45.6017, 58.6659,
80.1554

■ 38.2935, 52.9611,
79.4394


■ 49.4245, 61.2961,
80.4615


■ 37.0398, 51.6826,
79.2587


■ 54.0250, 64.3341,
80.8054


■ 36.2296, 50.6394,
79.1000


■ 59.4470, 67.8024,
81.1891


 36.1049, 50.4645,
79.0728

 65.7309, 71.7219,
81.6145

 72.9145, 76.1121,
82.0833

 81.0332, 80.9914,
82.5971

 82.7787, 82.5921,
82.8141

 83.2555, 83.5457,
82.9731

Harmonies

Analogous

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



41.3709, 56.4168, 58.9049



42.5071, 56.4168, 79.8833



46.5248, 56.4168, 98.9888

Triad

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



42.5071, 56.4168, 79.8833



65.4978, 56.4168, 85.2807



54.5209, 56.4168, 30.6240

Complementary

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



42.5071, 56.4168, 79.8833



38.0232, 26.7175, 13.7441

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.



61.4076, 56.4168, 34.8212



42.5071, 56.4168, 79.8833



68.0814, 56.4168, 64.0228

Square

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



42.5071, 56.4168, 79.8833



59.7293, 56.4168, 102.5477



66.5241, 56.4168, 46.0600



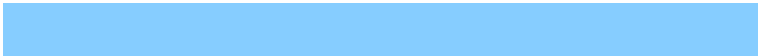
47.9468, 56.4168, 33.0979

Rectangle

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



42.5071, 56.4168, 79.8833



50.4918, 56.4168, 106.5519



66.5241, 56.4168, 46.0600



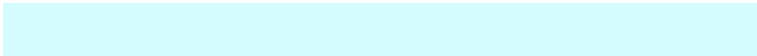
56.8800, 56.4168, 31.2724

Sweetspot

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



42.5088, 56.4189, 79.8846



79.8141, 90.5922, 107.8871



33.9774, 57.2052, 22.0144



16.7468, 19.1780, 23.0690



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.



42.5088, 56.4189, 79.8846



52.6372, 71.9107, 105.7136



29.2373, 29.8758, 75.4608



14.0224, 15.3839, 17.6180



20.8438, 29.1572, 45.5777



1.4718, 2.0750, 3.1682

Inverse Universe

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



47.3212, 28.9208, 67.3804



59.7925, 32.8714, 86.7075



47.1188, 44.9088, 16.7760



14.2475, 13.9166, 17.0736



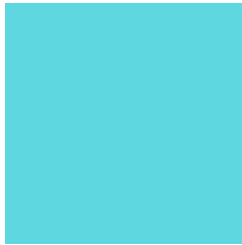
24.4612, 11.8515, 35.4240



1.7092, 0.8269, 2.5272

Previews

White Background



This preview shows how the XYZ color 42.5071, 56.4168, 79.8833 looks on a white background.

Color Contrast Check

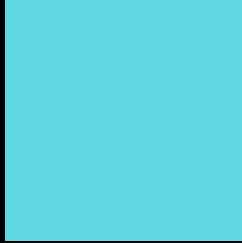
Large Text (above 18pt) WCAG AA × Fail

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 42.5071, 56.4168, 79.8833 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 42.5071, 56.4168, 79.8833

Background



This preview shows how black text looks on a background with the XYZ color 42.5071, 56.4168, 79.8833.

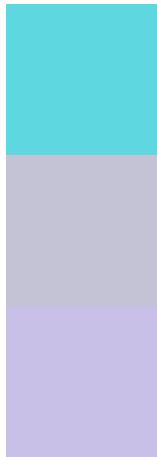


This preview shows how white text looks on a background with the XYZ color 42.5071, 56.4168,

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

42.5071, 56.4168, 79.8833

Protanopia

54.0310, 55.4364, 70.8033

Deuteranopia

56.9520, 55.6918, 82.6108



Tritanopia

43.4001, 56.4040, 84.2009

Trichromacy



Original Color

42.5071, 56.4168, 79.8833



Protanomaly

47.7455, 54.5199, 73.6526



Deuteranomaly

49.3558, 54.4871, 81.3145



Tritanomaly

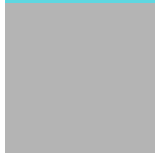
43.0133, 56.2371, 82.7165

Monochromacy



Original Color

42.5071, 56.4168, 79.8833



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.4282, 48.5150, 59.4054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5071, 56.4168, 79.8833 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(94, 215, 225)` looks like.

```
.text, #text, p{  
    color:rgb(94, 215, 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(94, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 215, 225) }
```

Border

The CSS property to change the border of an element to XYZ 42.5071, 56.4168, 79.8833 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(94, 215, 225) }
```


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

```
.border{ border-color:rgb(94, 215, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(94, 215,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5071, 56.4168, 79.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 215, 225) }
```

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

```
.background{ background-color: rgb(94, 215,  
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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