

Converting Colors

XYZ(43.6462, 60.2982, 79.4709)

Have a look what the booklet for
XYZ(43.6462, 60.2982, 79.4709)
contains.

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Color

**XYZ(43.4533, 60.0344,
79.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	55DFDF
RGB	85, 223, 223
RGB Percent	33%, 87%, 87%
CMY	0.6666, 0.1255, 0.1255
CMYK	0.62, 0.00, 0.00, 0.13
HSL	180°, 68%, 60%
HSV	180°, 62%, 87%
XYZ	43.4533, 60.0344, 79.1096
YIQ	181.7380, -82.2480, -29.2560

Conversions

Conversions Part 2

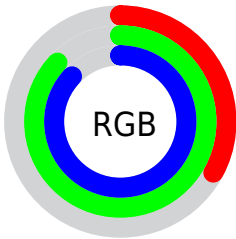
Format	Color
RYP	85, 154, 223
Decimal	5627871
CIELab	81.86, -36.62, -11.08
CIElCh	82, 38.256, 196.836
Yxy	60.0344, 0.2380, 0.3288
Android (android.graphics.Color)	4283817951 (0xFF55DFDF)
YUV	181.7380, 20.3422, -84.8392
Hunter-Lab	77.4819, -35.4871, -6.2983

Details

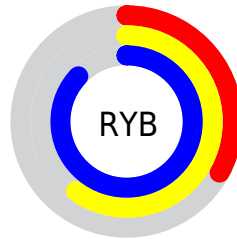
The XYZ color **43.4533, 60.0344, 79.1096** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **35.3217, 22.8428, 11.1438**, and the grayscale version is **44.2479, 46.5522, 50.6953**.

A 20% lighter version of the original color is **66.2044, 85.1296, 107.5500**, and **20.8866, 30.4646, 41.8252** is the 20% darker color. If you saturate the color by 10%, you get **41.7393, 59.1522, 79.0305**, and if you desaturate by 10%, it is **45.8086, 61.2500, 79.2214**.

Distribution



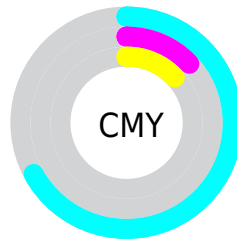
- Red (33%)
- Green (87%)
- Blue (87%)



- Red (33%)
- Yellow (60%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4533, 60.0344, 79.1096 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 43.4533, 60.0344, 79.1096 by changing the saturation by 10% instead.

43.4533, 60.0344,
79.1096

43.4533, 60.0344,
79.1096

351.3627,
424.7246, 511.5545

30.4370, 43.4464,
58.4641

79.6459, 104.8796,
133.9132

20.3202, 30.2355,
41.7647

103.5529,
133.9055, 168.9084

12.7377, 20.0174,
28.5929

131.8209,
167.8462, 209.5238

7.3239, 12.4077,
18.5301

164.8152,
207.0860, 256.1781

3.7136, 7.0220,
11.1579

202.9012,
252.0093, 309.2898

1.5414, 3.4758,
6.0576

246.4442,

0.3538, 1.3849,

303.0006, 369.2774

2.8108

295.8096,
360.4442, 436.5594

■ 0.0000, 0.2056,
0.9989

■ 0.0000, 0.0000,
0.0000

■ 43.4533, 60.0344,
79.1096

■ 43.4533, 60.0344,
79.1096

■ 41.7393, 59.1522,
79.0305

■ 45.8086, 61.2500,
79.2214

■ 40.5990, 58.5643,
78.9769


■ 48.8541, 62.8200,
79.3642


■ 39.9594, 58.2346,
78.9468


■ 52.6400, 64.7717,
79.5416


■ 39.7079, 58.1050,
78.9348


■ 57.2104, 67.1278,
79.7557

 62.6060, 69.9093,
80.0084

 68.8646, 73.1357,
80.3015

 76.0216, 76.8253,
80.6367

 80.9485, 79.3652,
80.8675

 80.9485, 79.3652,
80.8677

Harmonies

Analogous

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



43.2390, 60.0344, 55.7546



43.4533, 60.0344, 79.1096



47.0852, 60.0344, 103.4589

Triad

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



43.4533, 60.0344, 79.1096



69.1509, 60.0344, 100.7473



60.6703, 60.0344, 30.9268

Complementary

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



43.4533, 60.0344, 79.1096



35.3217, 22.8428, 11.1438

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.



68.3546, 60.0344, 38.0032



43.4533, 60.0344, 79.1096



73.5530, 60.0344, 76.0258

Square

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



43.4533, 60.0344, 79.1096



61.6767, 60.0344, 117.8304



73.2485, 60.0344, 53.3163



52.6813, 60.0344, 31.3766

Rectangle

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



43.4533, 60.0344, 79.1096



51.1688, 60.0344, 115.3611



73.2485, 60.0344, 53.3163



63.3887, 60.0344, 32.4172

Sweetspot

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



43.4551, 60.0367, 79.1110



79.4165, 91.9406, 108.1678



31.9879, 55.4743, 17.6176



16.5734, 19.4600, 23.1324



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.



43.4551, 60.0367, 79.1110



56.0766, 79.9085, 107.0738



29.0066, 31.1391, 74.2962



14.1166, 15.5724, 17.6494



23.3468, 34.1636, 46.4108



1.6183, 2.3680, 3.2169

Inverse Universe

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



35.3217, 22.8428, 11.1438



44.1981, 25.5885, 7.8108



43.2530, 38.7056, 13.7871



13.7073, 13.7006, 14.2288



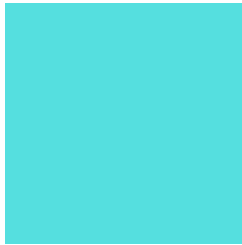
17.8932, 9.2243, 0.8375



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 43.4533, 60.0344, 79.1096 looks on a white background.

Color Contrast Check

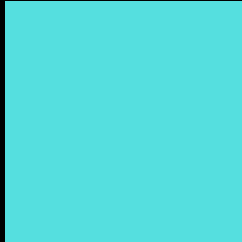
Large Text (above 18pt) WCAG AA × Fail

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 43.4533, 60.0344, 79.1096 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

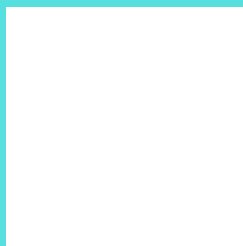
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4533, 60.0344, 79.1096

Background



This preview shows how black text looks on a background with the XYZ color 43.4533, 60.0344, 79.1096.

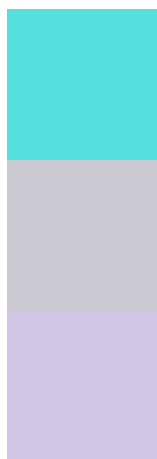


This preview shows how white text looks on a background with the XYZ color 43.4533, 60.0344,

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

43.4533, 60.0344, 79.1096

Protanopia

57.0239, 59.0732, 68.7184

Deuteranopia

60.4036, 59.1450, 82.3612



Tritanopia

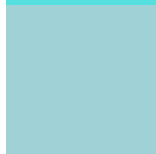
45.7027, 60.1613, 90.0924

Trichromacy



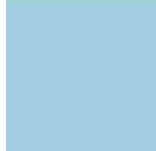
Original Color

43.4533, 60.0344, 79.1096



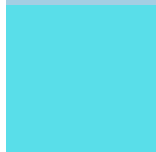
Protanomaly

49.4353, 57.9296, 72.1943



Deuteranomaly

51.2463, 57.5812, 81.0864



Tritanomaly

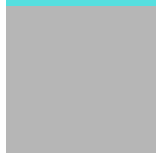
44.9491, 60.2496, 86.3511

Monochromacy



Original Color

43.4533, 60.0344, 79.1096



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.0769, 50.1668, 60.2888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4533, 60.0344, 79.1096 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(85, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(85, 223, 223)  
}
```

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(85, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 43.4533, 60.0344, 79.1096 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(85, 223, 223) }
```


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

```
.border{ border-color:rgb(85, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(85, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4533, 60.0344, 79.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 223, 223) }
```

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

```
.background{ background-color: rgb(85, 223,  
223) }
```

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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