

Converting Colors

XYZ(43.1053, 51.1363, 71.3515)

Have a look what the booklet for
XYZ(43.1053, 51.1363, 71.3515)
contains.

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Color

**XYZ(43.0423, 51.1052,
71.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC7D6
RGB	138, 199, 214
RGB Percent	54%, 78%, 84%
CMY	0.4588, 0.2196, 0.1608
CMYK	0.36, 0.07, 0.00, 0.16
HSL	192°, 48%, 69%
HSV	192°, 36%, 84%
XYZ	43.0423, 51.1052, 71.2140
YIQ	182.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

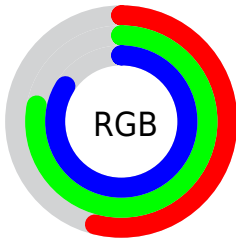
Format	Color
RYB	138, 172, 214
Decimal	9095126
CIELab	76.74, -15.79, -13.70
CIELCh	77, 20.908, 220.956
Yxy	51.1052, 0.2603, 0.3091
Android (android.graphics.Color)	4287285206 (0xFF8AC7D6)
YUV	182.4710, 15.5438, -39.0011
Hunter-Lab	71.4879, -17.6304, -9.0213

Details

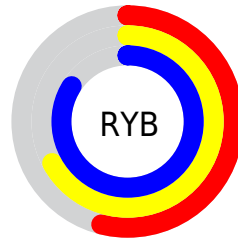
The XYZ color **43.0423, 51.1052, 71.2140** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7111, 38.9143, 29.2535**, and the grayscale version is **44.6555, 46.9810, 51.1623**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **20.0396, 24.6388, 36.5005** is the 20% darker color. If you saturate the color by 10%, you get **38.8867, 47.5415, 70.7460**, and if you desaturate by 10%, it is **47.9256, 55.0865, 71.7260**.

Distribution



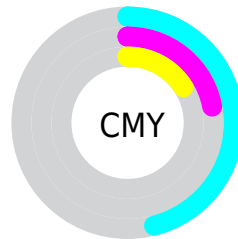
- Red (54%)
- Green (78%)
- Blue (84%)



- Red (54%)
- Yellow (67%)
- Blue (84%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0423, 51.1052, 71.2140 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 43.0423, 51.1052, 71.2140 by changing the saturation by 10% instead.

■ 43.0423, 51.1052,
71.2140

■ 43.0423, 51.1052,
71.2140

349.7043,
390.9724, 483.7050

■ 30.1130, 36.2923,
52.0340

■ 79.0300, 91.8103,
122.6357

■ 20.0729, 24.6601,
36.6497

■ 102.8191,
118.4712, 155.7144

■ 12.5566, 15.8240,
24.6427

■ 130.9588,
149.8504, 194.2631

■ 7.1988, 9.3997,
15.5945

163.8145,
186.3321, 238.7003

■ 3.6342, 5.0028,
9.0864

201.7515,
228.3007, 289.4445

■ 1.4973, 2.2489,
4.7000

245.1353,

■ 0.3240, 0.7465,

276.1407, 346.9144

2.0167

294.3311,
330.2365, 411.5283

■ 0.0000, 0.0000,
0.5655

■ 0.0000, 0.0000,
0.0000

■ 43.0423, 51.1052,
71.2140

■ 43.0423, 51.1052,
71.2140

■ 38.8867, 47.5415,
70.7460

■ 47.9256, 55.0865,
71.7260

■ 35.4126, 44.3677,
70.3165

■ 53.5699, 59.4992,
72.2802

■ 32.5761, 41.5619,
69.9245

■ 60.0120, 64.3638,
72.8797

■ 30.3255, 39.0973,
69.5674

■ 67.2850, 69.6978,
73.5259

■ 28.6010, 36.9426,
69.2424

■ 75.4200, 75.5175,
74.2204

■ 27.3293, 35.0598,
68.9460

■ 80.1256, 79.6108,
74.7625

■ 26.8465, 34.2725,
68.8195

■ 81.2771, 81.9137,
75.1463

■ 82.4570, 84.2735,
75.5396

■ 83.6655, 86.6905,
75.9425

Harmonies

Analogous

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



41.4688, 51.1052, 59.8973



43.0423, 51.1052, 71.2140



46.1292, 51.1052, 78.9336

Triad

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



43.0423, 51.1052, 71.2140



56.1406, 51.1052, 63.0755



47.1398, 51.1052, 36.8481

Complementary

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



43.0423, 51.1052, 71.2140



43.7111, 38.9143, 29.2535

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.



51.1036, 51.1052, 37.4568



43.0423, 51.1052, 71.2140



56.4476, 51.1052, 51.5986

Square

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



43.0423, 51.1052, 71.2140



53.7431, 51.1052, 73.8112



54.5603, 51.1052, 42.5284



43.7474, 51.1052, 40.7343

Rectangle

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



43.0423, 51.1052, 71.2140



48.7012, 51.1052, 80.4476



54.5603, 51.1052, 42.5284



48.4469, 51.1052, 36.5489

Sweetspot

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



43.0439, 51.1072, 71.2152



83.7322, 91.5817, 107.8716



40.1910, 55.7623, 38.3234



17.6459, 19.3928, 23.0631



0.0000, 0.0000, 0.0000



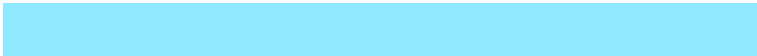
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.0439, 51.1072, 71.2152



59.0301, 71.7542, 105.3465



35.5522, 36.1239, 68.7180



12.5743, 13.6720, 15.9137



16.3011, 20.8640, 41.6211



1.0375, 1.3670, 2.5285

Inverse Universe

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



47.1301, 36.5980, 58.6151



66.1786, 47.5218, 83.0463



50.7191, 52.9303, 31.5895



12.8431, 12.5887, 15.1139



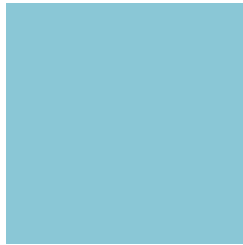
21.2869, 10.4511, 24.6126



1.3113, 0.6413, 1.6289

Previews

White Background



This preview shows how the XYZ color 43.0423, 51.1052, 71.2140 looks on a white background.

Color Contrast Check

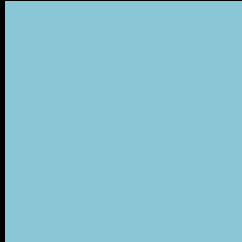
Large Text (above 18pt) WCAG AA × Fail

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 43.0423, 51.1052, 71.2140 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

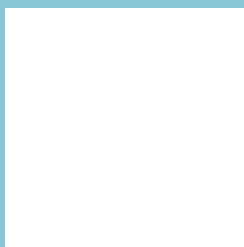
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0423, 51.1052, 71.2140

Background



This preview shows how black text looks on a background with the XYZ color 43.0423, 51.1052, 71.2140.



This preview shows how white text looks on a background with the XYZ color 43.0423, 51.1052,

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

43.0423, 51.1052, 71.2140

Protanopia

49.5263, 50.6104, 66.1900

Deuteranopia

51.6572, 50.6282, 72.6952



Tritanopia

43.1704, 51.1564, 71.8888

Trichromacy



Original Color

43.0423, 51.1052, 71.2140

Protanomaly

46.6258, 50.3498, 68.2338

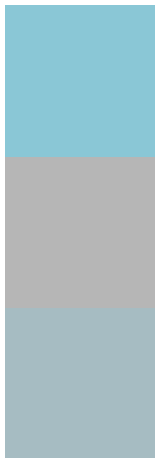
Deuteranomaly

47.8258, 50.2373, 72.1418

Tritanomaly

43.1704, 51.1564, 71.8888

Monochromacy



Original Color

43.0423, 51.1052, 71.2140

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.4467, 47.9685, 58.0079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0423, 51.1052, 71.2140 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(138, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(138, 199, 214)  
}
```

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(138, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 43.0423, 51.1052, 71.2140 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(138, 199, 214) }
```


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

```
.border{ border-color:rgb(138, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(138, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0423, 51.1052, 71.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 199, 214) }
```

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

```
.background{ background-color: rgb(138,  
199, 214) }
```

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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