

Converting Colors

XYZ(43.7040, 50.7597, 70.8208)

Have a look what the booklet for
XYZ(43.7040, 50.7597, 70.8208)
contains.

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Color

**XYZ(43.7809, 50.8073,
71.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	91C5D6
RGB	145, 197, 214
RGB Percent	57%, 77%, 84%
CMY	0.4314, 0.2274, 0.1608
CMYK	0.32, 0.08, 0.00, 0.16
HSL	195°, 46%, 70%
HSV	195°, 32%, 84%
XYZ	43.7809, 50.8073, 71.1176
YIQ	183.3900, -36.4490, -5.7370

Conversions

Conversions Part 2

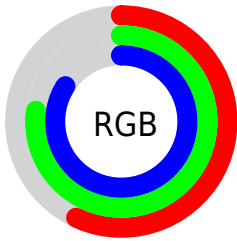
Format	Color
RYB	145, 175, 214
Decimal	9553366
CIELab	76.56, -12.83, -13.94
CIELCh	77, 18.943, 227.374
Yxy	50.8073, 0.2642, 0.3066
Android (android.graphics.Color)	4287743446 (0xFF91C5D6)
YUV	183.3900, 15.0907, -33.6680
Hunter-Lab	71.2792, -15.1010, -9.2601

Details

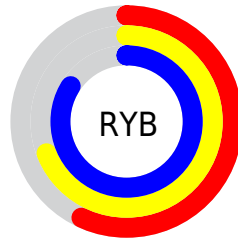
The XYZ color **43.7809, 50.8073, 71.1176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7634, 42.1816, 32.5192**, and the grayscale version is **45.1591, 47.5109, 51.7394**.

A 20% lighter version of the original color is **77.5792, 90.5211, 107.9912**, and **20.4941, 24.4234, 36.4349** is the 20% darker color. If you saturate the color by 10%, you get **39.1835, 46.6923, 70.5665**, and if you desaturate by 10%, it is **49.1336, 55.3762, 71.7182**.

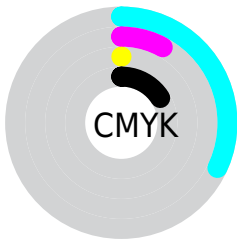
Distribution



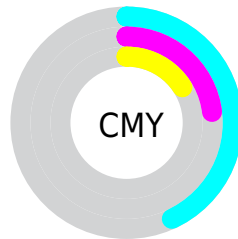
- Red (57%)
- Green (77%)
- Blue (84%)



- Red (57%)
- Yellow (69%)
- Blue (84%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (43%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7809, 50.8073, 71.1176 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 43.7809, 50.8073, 71.1176 by changing the saturation by 10% instead.

■ 43.7809, 50.8073,
71.1176

■ 43.7809, 50.8073,
71.1176

352.6808,
389.8146, 483.3592

■ 30.6955, 36.0553,
51.9558

■ 80.1363, 91.3699,
122.4972

■ 20.5178, 24.4769,
36.5878

■ 104.1371,
117.9492, 155.5520

■ 12.8824, 15.6878,
24.5952

132.5069,
149.2397, 194.0749

■ 7.4241, 9.3035,
15.5595

165.6113,
185.6259, 238.4843

■ 3.7774, 4.9397,
9.0620

203.8155,
227.4921, 289.1990

■ 1.5770, 2.2119,
4.6843

247.4849,

■ 0.3773, 0.7265,

275.2227, 346.6373

2.0078

296.9849,
329.2021, 411.2178

■ 0.0000, 0.0000,
0.5600

■ 0.0000, 0.0000,
0.0000

■ 43.7809, 50.8073,
71.1176

■ 43.7809, 50.8073,
71.1176

■ 39.1835, 46.6923,
70.5665

■ 49.1336, 55.3762,
71.7182

■ 35.2962, 43.0037,
70.0594

■ 55.2741, 60.4129,
72.3668

■ 32.0764, 39.7200,
69.5953

■ 62.2387, 65.9378,
73.0661

■ 29.4743, 36.8151,
69.1717

■ 70.0600, 71.9682,
73.8179

■ 27.4330, 34.2589,
68.7859

■ 78.7688, 78.5208,
74.6236

■ 25.8843, 32.0155,
68.4345

■ 81.2962, 81.9519,
75.1527

■ 24.9321, 30.4437,
68.1813

■ 82.7741, 84.9077,
75.6453

■ 84.2966, 87.9528,
76.1529

■ 85.8642, 91.0879,
76.6754

Harmonies

Analogous

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



42.0193, 50.8073, 61.4138



43.7809, 50.8073, 71.1176



46.8029, 50.8073, 76.8556

Triad

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



43.7809, 50.8073, 71.1176



55.3186, 50.8073, 59.7391



46.2659, 50.8073, 38.5695

Complementary

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



43.7809, 50.8073, 71.1176



45.7634, 42.1816, 32.5192

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.



49.8100, 50.8073, 38.2384



43.7809, 50.8073, 71.1176



55.1573, 50.8073, 49.6443

Square

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



43.7809, 50.8073, 71.1176



53.5307, 50.8073, 69.7620



53.1003, 50.8073, 42.0552



43.4045, 50.8073, 43.0237

Rectangle

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



43.7809, 50.8073, 71.1176



49.1790, 50.8073, 77.2466



53.1003, 50.8073, 42.0552



47.4134, 50.8073, 37.9938

Sweetspot

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



43.7824, 50.8093, 71.1188



84.3115, 91.5376, 107.8326



42.1666, 56.6906, 42.4857



17.7450, 19.3512, 23.0498



0.0000, 0.0000, 0.0000



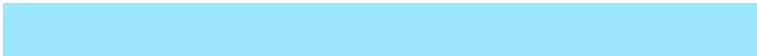
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7824, 50.8093, 71.1188



60.1097, 71.1158, 105.1664



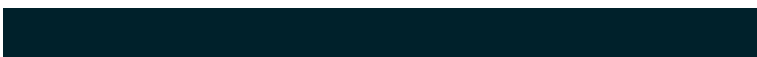
36.9841, 37.2127, 68.8527



12.5210, 13.5655, 15.8960



15.1553, 18.5723, 41.2392



0.9773, 1.2465, 2.5084

Inverse Universe

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



47.9363, 38.5794, 57.7456



67.4065, 50.6275, 81.4515



52.4932, 55.6412, 34.7624



12.8162, 12.5780, 14.9723



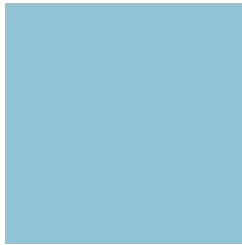
20.7085, 10.2197, 21.5670



1.2809, 0.6292, 1.4687

Previews

White Background



This preview shows how the XYZ color 43.7809, 50.8073, 71.1176 looks on a white background.

Color Contrast Check

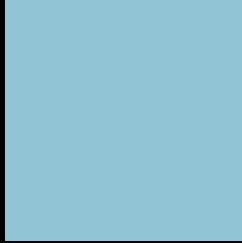
Large Text (above 18pt) WCAG AA × Fail

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 43.7809, 50.8073, 71.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

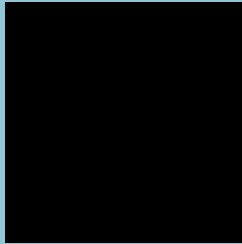
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7809, 50.8073, 71.1176

Background



This preview shows how black text looks on a background with the XYZ color 43.7809, 50.8073, 71.1176.



This preview shows how white text looks on a background with the XYZ color 43.7809, 50.8073,

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

43.7809, 50.8073, 71.1176

Protanopia

49.4052, 50.5338, 66.8246

Deuteranopia

51.6572, 50.6282, 72.6952



Tritanopia

43.6535, 50.7563, 70.4470

Trichromacy



Original Color

43.7809, 50.8073, 71.1176

Protanomaly

47.0582, 50.5727, 68.2540

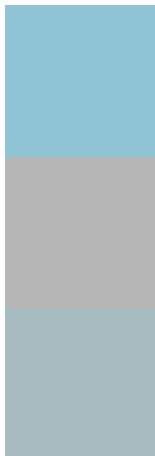
Deuteranomaly

48.4968, 50.5832, 72.1732

Tritanomaly

43.6535, 50.7563, 70.4470

Monochromacy



Original Color

43.7809, 50.8073, 71.1176

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.0830, 48.2965, 58.0377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7809, 50.8073, 71.1176 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(145, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(145, 197, 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(145, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 43.7809, 50.8073, 71.1176 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(145, 197, 214) }
```


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

```
.border{ border-color:rgb(145, 197, 214) }
```

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

Here you see how a box with a 4 pixel rgb(145, 197, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(145, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7809, 50.8073, 71.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 197, 214) }
```

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

```
.background{ background-color: rgb(145,  
197, 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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