

Converting Colors

XYZ(43.1907, 50.0984, 73.3419)

Have a look what the booklet for
XYZ(43.1907, 50.0984, 73.3419)
contains.

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Color

**XYZ(43.0795, 50.0651,
73.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC4D9
RGB	140, 196, 217
RGB Percent	55%, 77%, 85%
CMY	0.4510, 0.2314, 0.1490
CMYK	0.35, 0.10, 0.00, 0.15
HSL	196°, 50%, 70%
HSV	196°, 35%, 85%
XYZ	43.0795, 50.0651, 73.0386
YIQ	181.6500, -40.1170, -5.3410

Conversions

Conversions Part 2

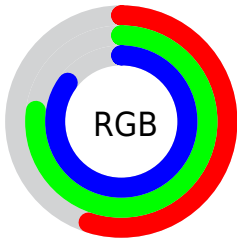
Format	Color
RYB	140, 172, 217
Decimal	9225433
CIELab	76.11, -12.95, -16.27
CIELCh	76, 20.792, 231.480
Yxy	50.0651, 0.2592, 0.3013
Android (android.graphics.Color)	4287415513 (0xFF8CC4D9)
YUV	181.6500, 17.4276, -36.5270
Hunter-Lab	70.7567, -15.1463, -11.6724

Details

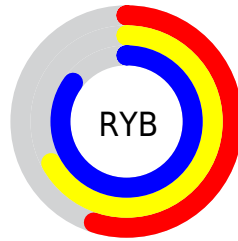
The XYZ color **43.0795, 50.0651, 73.0386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0944, 42.1354, 30.5156**, and the grayscale version is **44.1983, 46.5001, 50.6386**.

A 20% lighter version of the original color is **75.9402, 89.2063, 107.8238**, and **20.0323, 23.9331, 37.7461** is the 20% darker color. If you saturate the color by 10%, you get **38.4691, 45.7468, 72.4490**, and if you desaturate by 10%, it is **48.4667, 54.8643, 73.6819**.

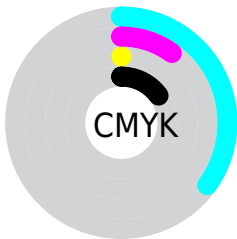
Distribution



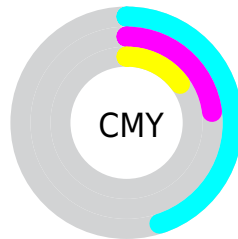
- Red (55%)
- Green (77%)
- Blue (85%)



- Red (55%)
- Yellow (67%)
- Blue (85%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0795, 50.0651, 73.0386 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 43.0795, 50.0651, 73.0386 by changing the saturation by 10% instead.

■ 43.0795, 50.0651,
73.0386

■ 43.0795, 50.0651,
73.0386

349.8546,
386.9205, 490.2229

■ 30.1423, 35.4651,
53.5155

■ 79.0858, 90.2713,
125.2534

■ 20.0952, 24.0214,
37.8239

■ 102.8856,
116.6464, 158.7823

■ 12.5729, 15.3495,
25.5453

131.0369,
147.7152, 197.8167

■ 7.2101, 9.0650,
16.2611

163.9052,
183.8623, 242.7754

■ 3.6413, 4.7836,
9.5527

201.8557,
225.4719, 294.0768

■ 1.5013, 2.1209,
5.0017

245.2539,

■ 0.3267, 0.6763,

272.9286, 352.1395

2.1895

294.4651,
326.6166, 417.3821

■ 0.0000, 0.0000,
0.6683

■ 0.0000, 0.0000,
0.0000

■ 43.0795, 50.0651,
73.0386

■ 43.0795, 50.0651,
73.0386

■ 38.4691, 45.7468,
72.4490

■ 48.4667, 54.8643,
73.6819

■ 34.5876, 41.8804,
71.9072

■ 54.6657, 60.1599,
74.3773

■ 31.3889, 38.4424,
71.4122

■ 61.7149, 65.9737,
75.1279

■ 28.8194, 35.4042,
70.9612

■ 69.6490, 72.3244,
75.9356

■ 26.8167, 32.7327,
70.5511

■ 78.5003, 79.2295,
76.8019

■ 25.3045, 30.3876,
70.1782

■ 82.4833, 83.7073,
77.4563

■ 24.7215, 29.4038,
70.0190

■ 84.1726, 87.0859,
78.0194

■ 85.9185, 90.5776,
78.6013

■ 87.7214, 94.1836,
79.2023

Harmonies

Analogous

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



40.9620, 50.0651, 62.7343



43.0795, 50.0651, 73.0386



46.4863, 50.0651, 78.5471

Triad

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



43.0795, 50.0651, 73.0386



55.3685, 50.0651, 57.7466



44.9000, 50.0651, 36.9172

Complementary

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



43.0795, 50.0651, 73.0386



46.0944, 42.1354, 30.5156

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.



48.7017, 50.0651, 35.9610



43.0795, 50.0651, 73.0386



54.8868, 50.0651, 47.0422

Square

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



43.0795, 50.0651, 73.0386



53.6775, 50.0651, 68.9639



52.3950, 50.0651, 39.4180



41.9726, 50.0651, 42.2354

Rectangle

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



43.0795, 50.0651, 73.0386



49.0888, 50.0651, 78.3025



52.3950, 50.0651, 39.4180



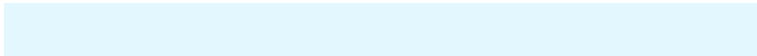
46.1130, 50.0651, 36.1067

Sweetspot

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



43.0810, 50.0671, 73.0398



83.0809, 90.2790, 107.6545



42.0211, 57.7589, 42.4379



17.4900, 19.0810, 23.0111



0.0000, 0.0000, 0.0000



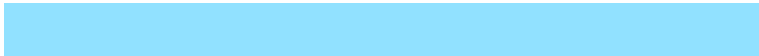
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0810, 50.0671, 73.0398



56.7406, 67.1752, 104.5833



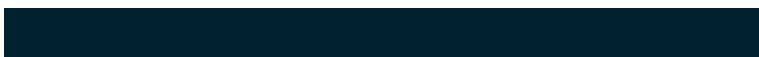
35.5619, 35.0288, 70.5334



13.1290, 14.1977, 16.7006



15.0570, 17.9834, 42.4160



1.0457, 1.3056, 2.7713

Inverse Universe

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



47.9584, 37.4946, 56.9363



65.0230, 47.0595, 76.9608



53.7810, 57.5084, 33.0778



13.4550, 13.2111, 15.6571



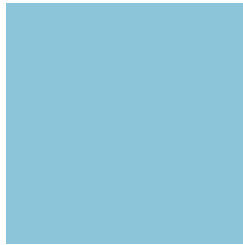
21.0954, 10.4392, 20.6802



1.4021, 0.6905, 1.5265

Previews

White Background



This preview shows how the XYZ color 43.0795, 50.0651, 73.0386 looks on a white background.

Color Contrast Check

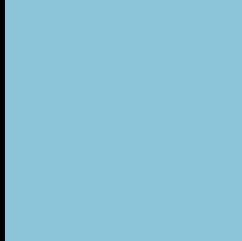
Large Text (above 18pt) WCAG AA × Fail

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 43.0795, 50.0651, 73.0386 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 43.0795, 50.0651, 73.0386

Background



This preview shows how black text looks on a background with the XYZ color 43.0795, 50.0651, 73.0386.



This preview shows how white text looks on a background with the XYZ color 43.0795, 50.0651,

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

43.0795, 50.0651, 73.0386

Protanopia

48.7202, 49.8382, 68.0247

Deuteranopia

50.8380, 49.8531, 74.6533



Tritanopia

42.6240, 50.2256, 70.3988

Trichromacy



Original Color

43.0795, 50.0651, 73.0386

Protanomaly

46.3600, 49.8465, 70.1287

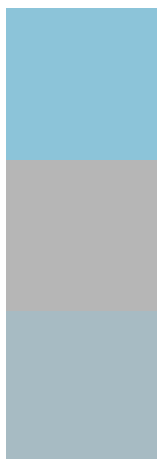
Deuteranomaly

47.5640, 49.7388, 74.1115

Tritanomaly

42.7513, 50.2765, 71.0694

Monochromacy



Original Color

43.0795, 50.0651, 73.0386

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.5570, 47.6963, 58.5404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0795, 50.0651, 73.0386 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(140, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 217)  
}
```

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(140, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 217) }
```

Border

The CSS property to change the border of an element to XYZ 43.0795, 50.0651, 73.0386 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(140, 196, 217) }
```


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

```
.border{ border-color:rgb(140, 196, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 196, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 196, 217); box-shadow:4px 4px 4px 4px rgb(140, 196, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0795, 50.0651, 73.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 217) }
```

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

```
.background{ background-color: rgb(140,  
196, 217) }
```

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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