

Converting Colors

XYZ(43.7429, 51.4197, 73.7318)

Have a look what the booklet for
XYZ(43.7429, 51.4197, 73.7318)
contains.

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Color

**XYZ(43.7258, 51.3978,
73.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC7DA
RGB	139, 199, 218
RGB Percent	55%, 78%, 85%
CMY	0.4549, 0.2196, 0.1451
CMYK	0.36, 0.09, 0.00, 0.15
HSL	194°, 52%, 70%
HSV	194°, 36%, 85%
XYZ	43.7258, 51.3978, 73.9458
YIQ	183.2260, -41.8590, -6.8110

Conversions

Conversions Part 2

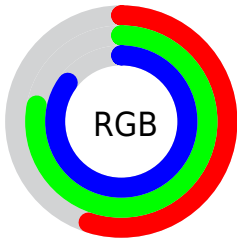
Format	Color
RYB	139, 173, 218
Decimal	9160666
CIELab	76.92, -14.53, -15.59
CIElCh	77, 21.313, 227.020
Yxy	51.3978, 0.2586, 0.3040
Android (android.graphics.Color)	4287350746 (0xFF8BC7DA)
YUV	183.2260, 17.1436, -38.7862
Hunter-Lab	71.6923, -16.5926, -10.9691

Details

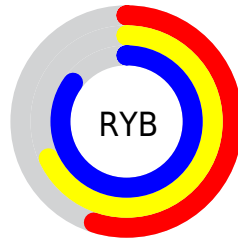
The XYZ color **43.7258, 51.3978, 73.9458** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8013, 41.2239, 29.9705**, and the grayscale version is **45.0604, 47.4070, 51.6262**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **20.4826, 24.8264, 38.3628** is the 20% darker color. If you saturate the color by 10%, you get **39.2572, 47.3353, 73.3981**, and if you desaturate by 10%, it is **48.9649, 55.9216, 74.5437**.

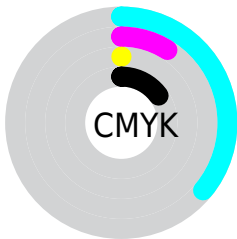
Distribution



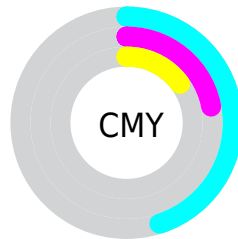
- Red (55%)
- Green (78%)
- Blue (85%)



- Red (55%)
- Yellow (68%)
- Blue (85%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7258, 51.3978, 73.9458 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 43.7258, 51.3978, 73.9458 by changing the saturation by 10% instead.

■ 43.7258, 51.3978,
73.9458

■ 43.7258, 51.3978,
73.9458

■ 352.4593,
392.1074, 493.4447

■ 30.6520, 36.5253,
54.2532

■ 80.0539, 92.2425,
126.5523

■ 20.4845, 24.8402,
38.4095

■ 104.0389,
118.9835, 160.3033

■ 12.8580, 15.9580,
25.9964

■ 132.3916,
150.4495, 199.5774

■ 7.4072, 9.4944,
16.5952

■ 165.4775,
187.0248, 244.7932

■ 3.7666, 5.0651,
9.7874

■ 203.6618,
229.0938, 296.3693

■ 1.5710, 2.2855,
5.1545

■ 247.3100,

■ 0.3734, 0.7660,

277.0410, 354.7243

2.2779

296.7874,
331.2507, 420.2765

■ 0.0000, 0.0000,
0.7188

■ 0.0000, 0.0000,
0.0000

■ 43.7258, 51.3978,
73.9458

■ 43.7258, 51.3978,
73.9458

■ 39.2572, 47.3353,
73.3981

■ 48.9649, 55.9216,
74.5437

■ 35.5106, 43.7050,
72.8948

■ 55.0100, 60.9219,
75.1903

■ 32.4391, 40.4831,
72.4348

■ 61.8999, 66.4207,
75.8885

■ 29.9881, 37.6409,
72.0154

■ 69.6695, 72.4365,
76.6402

■ 28.0940, 35.1451,
71.6335

■ 78.3517, 78.9868,
77.4469

■ 26.6771, 32.9537,
71.2852

■ 82.3198, 83.1715,
78.0455

■ 26.2142, 32.1804,
71.1603

■ 83.8047, 86.1412,
78.5405

■ 85.3338, 89.1996,
79.0502

■ 86.9076, 92.3472,
79.5748

Harmonies

Analogous

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



41.7678, 51.3978, 62.7590



43.7258, 51.3978, 73.9458



47.1212, 51.3978, 80.6715

Triad

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



43.7258, 51.3978, 73.9458



56.8525, 51.3978, 61.1316



46.6047, 51.3978, 37.2079

Complementary

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



43.7258, 51.3978, 73.9458



45.8013, 41.2239, 29.9705

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.



50.6248, 51.3978, 36.8984



43.7258, 51.3978, 73.9458



56.6952, 51.3978, 49.6771

Square

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



43.7258, 51.3978, 73.9458



54.7827, 51.3978, 72.6132



54.3641, 51.3978, 41.1619



43.3657, 51.3978, 42.0758

Rectangle

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



43.7258, 51.3978, 73.9458



49.8114, 51.3978, 81.1872



54.3641, 51.3978, 41.1619



47.9051, 51.3978, 36.5937

Sweetspot

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



43.7274, 51.3998, 73.9470



83.3585, 90.8341, 107.7470



41.8429, 58.0820, 41.0996



17.5564, 19.2138, 23.0333



0.0000, 0.0000, 0.0000



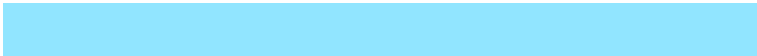
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7274, 51.3998, 73.9470



57.7061, 69.1062, 104.9051



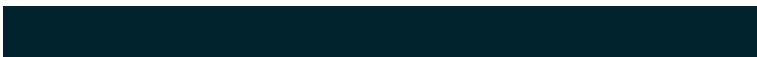
35.8860, 35.7171, 71.3332



13.1657, 14.2712, 16.7129



15.7923, 19.4540, 42.6611



1.0881, 1.3904, 2.7855

Inverse Universe

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



48.4562, 37.4956, 58.7185



65.5103, 47.2545, 79.5272



53.5258, 56.6729, 32.5453



13.4735, 13.2185, 15.7548



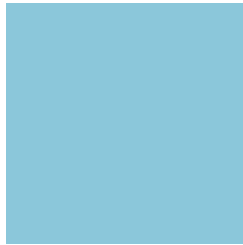
21.4665, 10.5877, 22.6346



1.4235, 0.6991, 1.6393

Previews

White Background



This preview shows how the XYZ color 43.7258, 51.3978, 73.9458 looks on a white background.

Color Contrast Check

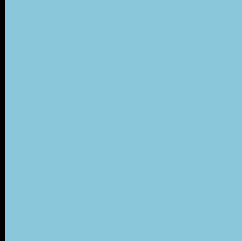
Large Text (above 18pt) WCAG AA × Fail

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 43.7258, 51.3978, 73.9458 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 43.7258, 51.3978, 73.9458

Background



This preview shows how black text looks on a background with the XYZ color 43.7258, 51.3978, 73.9458.



This preview shows how white text looks on a background with the XYZ color 43.7258, 51.3978,

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

43.7258, 51.3978, 73.9458

Protanopia

49.9908, 51.1087, 68.8582

Deuteranopia

52.1383, 51.1248, 75.5267



Tritanopia

43.1704, 51.1564, 71.8888

Trichromacy



Original Color

43.7258, 51.3978, 73.9458

Protanomaly

47.3494, 50.9893, 70.9647

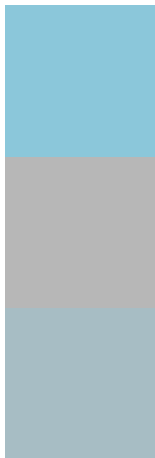
Deuteranomaly

48.5653, 50.8785, 74.9710

Tritanomaly

43.2993, 51.2080, 72.5678

Monochromacy



Original Color

43.7258, 51.3978, 73.9458

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.0978, 48.5962, 59.2804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7258, 51.3978, 73.9458 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(139, 199, 218)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 218)  
}
```

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(139, 199, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 218) }
```

Border

The CSS property to change the border of an element to XYZ 43.7258, 51.3978, 73.9458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

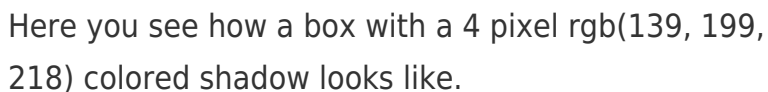
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 199, 218) }
```


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

```
.border{ border-color:rgb(139, 199, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 199, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 199, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 199, 218); box-shadow:4px 4px 4px 4px rgb(139, 199, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7258, 51.3978, 73.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 218) }
```

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

```
.background{ background-color: rgb(139,  
199, 218) }
```

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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