

Converting Colors

XYZ(39.7643, 43.5165, 73.4187)

Have a look what the booklet for
XYZ(39.7643, 43.5165, 73.4187)
contains.

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Color

**XYZ(39.7913, 43.5655,
73.3296)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB5DB
RGB	138, 181, 219
RGB Percent	54%, 71%, 86%
CMY	0.4588, 0.2902, 0.1412
CMYK	0.37, 0.17, 0.00, 0.14
HSL	208°, 53%, 70%
HSV	208°, 37%, 86%
XYZ	39.7913, 43.5655, 73.3296
YIQ	172.4750, -37.8260, 2.7020

Conversions

Conversions Part 2

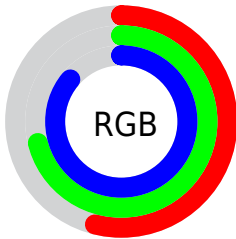
Format	Color
R_{YB}	138, 166, 219
Decimal	9090523
CIE Lab	71.94, -5.00, -23.69
CIE LCh	72, 24.214, 258.089
Yxy	43.5655, 0.2540, 0.2780
Android (android.graphics.Color)	4287280603 (0xFF8AB5DB)
YUV	172.4750, 22.9368, -30.2346
Hunter-Lab	66.0042, -7.8967, -19.6673

Details

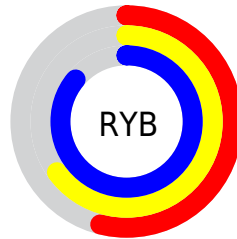
The XYZ color **39.7913, 43.5655, 73.3296** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.3271, 47.9466, 30.7009**, and the grayscale version is **39.3556, 41.4051, 45.0902**.

A 20% lighter version of the original color is **70.5823, 79.2577, 106.1859**, and **18.0762, 20.0035, 38.0303** is the 20% darker color. If you saturate the color by 10%, you get **34.5144, 37.8583, 72.5069**, and if you desaturate by 10%, it is **45.9556, 49.9608, 74.2399**.

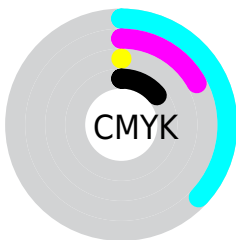
Distribution



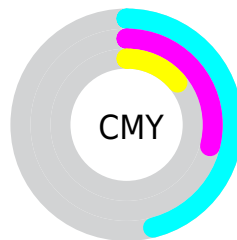
- Red (54%)
- Green (71%)
- Blue (86%)



- Red (54%)
- Yellow (65%)
- Blue (86%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7913, 43.5655, 73.3296 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 39.7913, 43.5655, 73.3296 by changing the saturation by 10% instead.

■ 39.7913, 43.5655,
73.3296

■ 39.7913, 43.5655,
73.3296

336.3927,
360.9322, 491.2577

■ 27.5593, 30.3291,
53.7521

■ 74.1320, 80.5635,
125.6703

■ 18.1325, 20.0885,
38.0116

■ 96.9714, 105.0939,
159.2705

■ 11.1454, 12.4594,
25.6898

■ 124.0774,
134.1577, 198.3819

■ 6.2327, 7.0574,
16.3681

155.8152,
168.1394, 243.4233

■ 3.0291, 3.4980,
9.6278

192.5503,
207.4233, 294.8130

■ 1.1692, 1.3969,
5.0505

234.6480,

■ 0.0818, 0.2145,

252.3938, 352.9696

2.2177

282.4737,
303.4353, 418.3117

■ 0.0000, 0.0000,
0.6845

■ 0.0000, 0.0000,
0.0000

■ 39.7913, 43.5655,
73.3296

■ 39.7913, 43.5655,
73.3296

■ 34.5144, 37.8583,
72.5069

■ 45.9556, 49.9608,
74.2399

■ 30.0732, 32.8048,
71.7655

■ 53.0468, 57.0664,
75.2377

■ 26.4168, 28.3747,
71.1032

■ 61.1068, 64.9096,
76.3267

■ 23.4863, 24.5322,
70.5159

■ 70.1738, 73.5144,
77.5097

■ 21.2131, 21.2366,
69.9996

■ 80.2838, 82.9037,
78.7892

■ 19.5087, 18.4367,
69.5490

■ 85.9712, 90.2643,
79.9102

■ 19.0620, 17.6659,
69.4238

■ 89.1265, 96.5748,
80.9619

■ 89.7863, 97.8945,
81.1819

Harmonies

Analogous

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



36.3298, 43.5655, 66.4385



39.7913, 43.5655, 73.3296



43.9209, 43.5655, 72.4853

Triad

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



39.7913, 43.5655, 73.3296



49.4186, 43.5655, 40.7229



35.7784, 43.5655, 33.8160

Complementary

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



39.7913, 43.5655, 73.3296



49.3271, 47.9466, 30.7009

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.



38.9923, 43.5655, 28.9451



39.7913, 43.5655, 73.3296



46.9380, 43.5655, 32.4527

Square

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



39.7913, 43.5655, 73.3296



49.6681, 43.5655, 52.2826



43.0673, 43.5655, 28.4915



34.1181, 43.5655, 42.8975

Rectangle

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



39.7913, 43.5655, 73.3296



46.4986, 43.5655, 67.6658



43.0673, 43.5655, 28.4915



36.7027, 43.5655, 31.7020

Sweetspot

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



39.7927, 43.5672, 73.3306



81.4176, 86.9525, 107.1001



43.6306, 59.1940, 50.0979



17.0929, 18.2867, 22.8787



0.0000, 0.0000, 0.0000



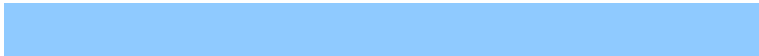
20.3446, 21.4041, 23.3091

Same Dimension

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



39.7927, 43.5672, 73.3306



50.5492, 55.4540, 102.6472



32.7494, 29.4806, 70.9828



12.9081, 13.7559, 16.6270



11.4134, 10.6963, 41.2014



0.8254, 0.8650, 2.6979

Inverse Universe

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



46.6436, 36.5746, 48.3190



61.7363, 45.1265, 61.5599



58.4346, 66.1615, 33.7368



13.3435, 13.1665, 15.0700



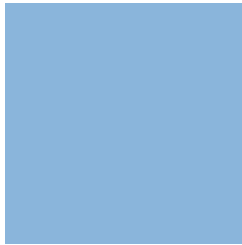
19.2563, 9.7036, 10.9956



1.2909, 0.6460, 0.9410

Previews

White Background



This preview shows how the XYZ color 39.7913, 43.5655, 73.3296 looks on a white background.

Color Contrast Check

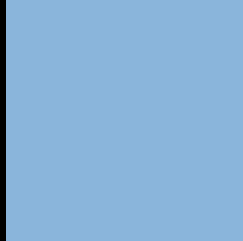
Large Text (above 18pt) WCAG AA × Fail

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 39.7913, 43.5655, 73.3296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

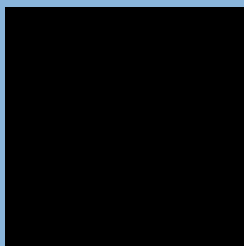
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7913, 43.5655, 73.3296

Background



This preview shows how black text looks on a background with the XYZ color 39.7913, 43.5655, 73.3296.



This preview shows how white text looks on a background with the XYZ color 39.7913, 43.5655,

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

39.7913, 43.5655, 73.3296

Protanopia

43.2100, 43.3426, 69.7069

Deuteranopia

44.3812, 43.2716, 74.4197



Tritanopia

37.1222, 43.3910, 60.4516

Trichromacy



Original Color

39.7913, 43.5655, 73.3296

Protanomaly

41.8271, 43.4701, 71.1518

Deuteranomaly

42.3488, 43.0964, 73.7966

Tritanomaly

38.0657, 43.4741, 64.7776

Monochromacy



Original Color

39.7913, 43.5655, 73.3296

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0125, 41.8077, 54.1576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7913, 43.5655, 73.3296 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, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(138, 181, 219)  
}
```

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, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 181, 219) }
```

Border

The CSS property to change the border of an element to XYZ 39.7913, 43.5655, 73.3296 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, 181, 219) }
```


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

```
.border{ border-color:rgb(138, 181, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 181, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 181, 219);  
box-shadow:4px 4px 4px 4px rgb(138, 181,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7913, 43.5655, 73.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 181, 219) }
```

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

```
.background{ background-color: rgb(138,  
181, 219) }
```

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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