

Converting Colors

XYZ(44.0153, 51.8917, 79.8145)

Have a look what the booklet for
XYZ(44.0153, 51.8917, 79.8145)
contains.

XYZ(43.8975, 51.7051, 79.6179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.8975, 51.7051,
79.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	84C8E2
RGB	132, 200, 226
RGB Percent	52%, 78%, 89%
CMY	0.4823, 0.2157, 0.1137
CMYK	0.42, 0.12, 0.00, 0.11
HSL	197°, 62%, 70%
HSV	197°, 42%, 89%
XYZ	43.8975, 51.7051, 79.6179
YIQ	182.6320, -48.8740, -6.3300

Conversions

Conversions Part 2

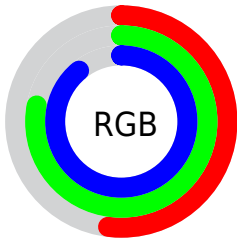
Format	Color
RYB	132, 171, 226
Decimal	8702178
CIELab	77.10, -14.82, -19.66
CIELCh	77, 24.620, 232.984
Yxy	51.7051, 0.2505, 0.2951
Android (android.graphics.Color)	4286892258 (0xFF84C8E2)
YUV	182.6320, 21.3804, -44.4043
Hunter-Lab	71.9063, -16.8649, -15.3142

Details

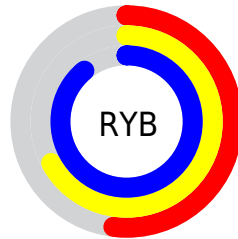
The XYZ color **43.8975, 51.7051, 79.6179** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **47.7568, 42.2895, 27.4770**, and the grayscale version is **44.7156, 47.0443, 51.2312**.

A 20% lighter version of the original color is **74.7963, 89.5588, 107.9521**, and **20.6101, 25.0345, 42.2740** is the 20% darker color. If you saturate the color by 10%, you get **39.3209, 47.2415, 78.9985**, and if you desaturate by 10%, it is **49.3020, 56.6857, 80.2953**.

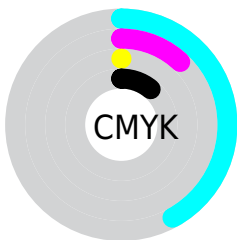
Distribution



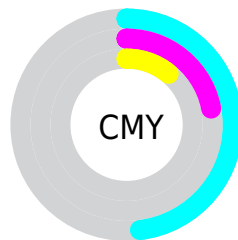
- Red (52%)
- Green (78%)
- Blue (89%)



- Red (52%)
- Yellow (67%)
- Blue (89%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (48%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8975, 51.7051, 79.6179 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 43.8975, 51.7051, 79.6179 by changing the saturation by 10% instead.

■ 43.8975, 51.7051,
79.6179

■ 43.8975, 51.7051,
79.6179

353.1491,
393.2971, 513.3170

■ 30.7875, 36.7701,
58.8797

■ 80.3108, 92.6962,
134.6349

■ 20.5881, 25.0295,
42.0969

■ 104.3448,
119.5210, 169.7508

■ 12.9340, 16.0990,
28.8510

■ 132.7508,
151.0779, 210.4963

■ 7.4598, 9.5943,
18.7235

165.8943,
187.7513, 257.2899

■ 3.8002, 5.1308,
11.2959

204.1405,
229.9255, 310.5503

■ 1.5897, 2.3242,
6.1496

247.8548,

■ 0.3857, 0.7865,

277.9849, 370.6959

2.8660

297.4025,
332.3140, 438.1453

■ 0.0000, 0.0000,
1.0266

■ 0.0000, 0.0000,
0.0000

■ 43.8975, 51.7051,
79.6179

■ 43.8975, 51.7051,
79.6179

■ 39.3209, 47.2415,
78.9985

■ 49.3020, 56.6857,
80.2953

■ 35.5168, 43.2619,
78.4308

■ 55.5757, 62.2021,
81.0294

■ 32.4303, 39.7379,
77.9133

■ 62.7628, 68.2792,
81.8236

■ 29.9964, 36.6351,
77.4427

■ 70.9030, 74.9386,
82.6800

■ 28.1377, 33.9124,
77.0151

■ 80.0336, 82.2004,
83.6004

■ 26.9126, 31.8610,
76.6837

■ 85.3991, 87.6141,
84.3626

■ 87.2458, 91.3074,
84.9781

■ 89.1562, 95.1282,
85.6149

■ 90.7276, 98.2711,
86.1387

Harmonies

Analogous

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



41.2788, 51.7051, 67.0309



43.8975, 51.7051, 79.6179



48.0477, 51.7051, 86.1202

Triad

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



43.8975, 51.7051, 79.6179



58.6790, 51.7051, 59.5215



45.6962, 51.7051, 35.6594

Complementary

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



43.8975, 51.7051, 79.6179



47.7568, 42.2895, 27.4770

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.



50.2572, 51.7051, 34.3033



43.8975, 51.7051, 79.6179



57.9501, 51.7051, 46.7768

Square

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



43.8975, 51.7051, 79.6179



56.7258, 51.7051, 73.3772



54.7930, 51.7051, 38.0442



42.2701, 51.7051, 42.0988

Rectangle

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



43.8975, 51.7051, 79.6179



51.2045, 51.7051, 85.4998



54.7930, 51.7051, 38.0442



47.1398, 51.7051, 34.6410

Sweetspot

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



43.8991, 51.7071, 79.6191



82.0338, 89.3697, 107.5342



42.8049, 61.7360, 41.5899



17.2793, 18.8957, 22.9865



0.0000, 0.0000, 0.0000



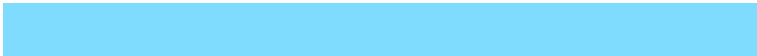
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8991, 51.7071, 79.6191



52.4010, 62.8184, 103.9711



34.7892, 33.4873, 76.5825



13.7793, 14.8978, 17.5370



15.4578, 18.3852, 43.7823



1.1453, 1.4221, 3.0594

Inverse Universe

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



50.0420, 36.8430, 59.1196



61.7774, 41.7215, 72.3239



57.1387, 61.0534, 30.6043



14.1248, 13.8676, 16.4276



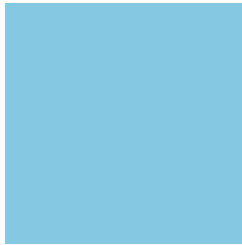
21.7426, 10.7640, 21.1081



1.5444, 0.7610, 1.6595

Previews

White Background



This preview shows how the XYZ color 43.8975, 51.7051, 79.6179 looks on a white background.

Color Contrast Check

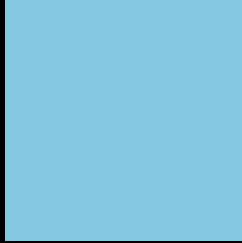
Large Text (above 18pt) WCAG AA × Fail

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 43.8975, 51.7051, 79.6179 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 43.8975, 51.7051, 79.6179

Background



This preview shows how black text looks on a background with the XYZ color 43.8975, 51.7051, 79.6179.



This preview shows how white text looks on a background with the XYZ color 43.8975, 51.7051,

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

43.8975, 51.7051, 79.6179

Protanopia

50.4053, 51.2187, 73.5592

Deuteranopia

52.2309, 51.0464, 81.2288



Tritanopia

42.7475, 51.5811, 74.0328

Trichromacy



Original Color

43.8975, 51.7051, 79.6179

Protanomaly

47.4178, 50.9191, 75.7358

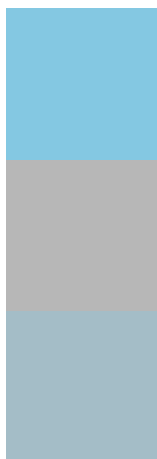
Deuteranomaly

48.5655, 50.7532, 80.6355

Tritanomaly

43.2979, 51.8190, 76.1266

Monochromacy



Original Color

43.8975, 51.7051, 79.6179

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.8162, 48.4112, 61.0678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8975, 51.7051, 79.6179 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(132, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(132, 200, 226)  
}
```

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(132, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 200, 226) }
```

Border

The CSS property to change the border of an element to XYZ 43.8975, 51.7051, 79.6179 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(132, 200, 226) }
```


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

```
.border{ border-color:rgb(132, 200, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(132, 200,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8975, 51.7051, 79.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 200, 226) }
```

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

```
.background{ background-color: rgb(132,  
200, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor