

Converting Colors

XYZ(39.2051, 53.0733, 77.2861)

Have a look what the booklet for
XYZ(39.2051, 53.0733, 77.2861)
contains.

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Color

**XYZ(39.0554, 52.8230,
77.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	4AD2DE
RGB	74, 210, 222
RGB Percent	29%, 82%, 87%
CMY	0.7098, 0.1765, 0.1294
CMYK	0.67, 0.05, 0.00, 0.13
HSL	185°, 69%, 58%
HSV	185°, 67%, 87%
XYZ	39.0554, 52.8230, 77.2447
YIQ	170.7040, -84.9080, -25.1000

Conversions

Conversions Part 2

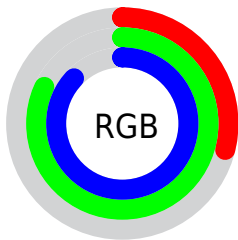
Format	Color
RYB	74, 145, 222
Decimal	4903646
CIELab	77.77, -32.46, -16.70
CIELCh	78, 36.506, 207.226
Yxy	52.8230, 0.2309, 0.3123
Android (android.graphics.Color)	4283093726 (0xFF4AD2DE)
YUV	170.7040, 25.2889, -84.8094
Hunter-Lab	72.6794, -31.2693, -12.1386

Details

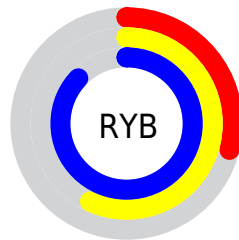
The XYZ color **39.0554, 52.8230, 77.2447** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **34.6892, 22.6808, 9.0294**, and the grayscale version is **38.4698, 40.4732, 44.0753**.

A 20% lighter version of the original color is **64.6252, 84.3154, 107.4761**, and **18.6964, 26.2327, 40.6372** is the 20% darker color. If you saturate the color by 10%, you get **37.1968, 51.2100, 77.0323**, and if you desaturate by 10%, it is **41.5250, 54.7607, 77.4895**.

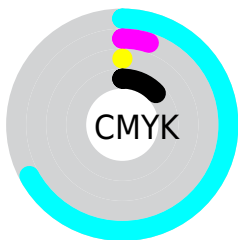
Distribution



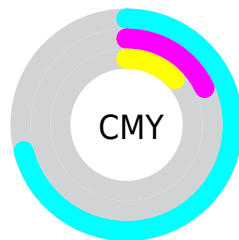
- Red (29%)
- Green (82%)
- Blue (87%)



- Red (29%)
- Yellow (57%)
- Blue (87%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)





- Cyan (71%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0554, 52.8230, 77.2447 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 39.0554, 52.8230, 77.2447 by changing the saturation by 10% instead.

 39.0554, 52.8230,
77.2447


 39.0554, 52.8230,
77.2447


333.3291,
397.6057, 505.0577


 26.9837, 37.6615,
56.9410


 73.0165, 94.3439,
131.2610

 17.6975, 25.7201,
40.5488


 95.6366, 121.4720,
165.8107

 10.8314, 16.6143,
27.6497


 122.5036,
153.3578, 205.9460

 6.0200, 9.9599,
17.8250

 153.9828,
190.3857, 252.0857

 2.8981, 5.3724,
10.6563

190.4396,
232.9400, 304.6481

 1.1001, 2.4674,
5.7250

232.2394,

 0.0252, 0.8602,

281.4052, 364.0519

2.6125

279.7474,
336.1656, 430.7156

■ 0.0000, 0.0000,
0.8989

■ 0.0000, 0.0000,
0.0000

■ 39.0554, 52.8230,
77.2447

■ 39.0554, 52.8230,
77.2447

■ 37.1968, 51.2100,
77.0323

■ 41.5250, 54.7607,
77.4895

■ 35.8777, 49.8814,
76.8454


■ 44.6579, 57.0465,
77.7656


■ 35.0144, 48.7952,
76.6812


■ 48.5061, 59.7086,
78.0766


■ 34.7787, 48.4614,
76.6292


■ 53.1151, 62.7705,
78.4247

 58.5267, 66.2536,
78.8118

 64.7796, 70.1779,
79.2397

 71.9100, 74.5622,
79.7101

 79.9520, 79.4240,
80.2247

 81.6762, 81.0364,
80.4450

Harmonies

Analogous

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



37.8076, 52.8230, 55.6502



39.0554, 52.8230, 77.2447



43.1967, 52.8230, 96.8871

Triad

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



39.0554, 52.8230, 77.2447



62.5357, 52.8230, 81.2888



50.8679, 52.8230, 26.7170

Complementary

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



39.0554, 52.8230, 77.2447



34.6892, 22.6808, 9.0294

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.



57.9368, 52.8230, 30.5823



39.0554, 52.8230, 77.2447



65.0574, 52.8230, 59.4215

Square

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



39.0554, 52.8230, 77.2447



56.6913, 52.8230, 99.5812



63.3010, 52.8230, 41.4686



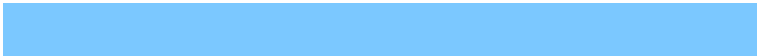
44.2365, 52.8230, 29.3614

Rectangle

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



39.0554, 52.8230, 77.2447



47.2584, 52.8230, 104.4933



63.3010, 52.8230, 41.4686



53.2751, 52.8230, 27.2718

Sweetspot

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



39.0570, 52.8250, 77.2460



77.4070, 88.9676, 107.7004



30.5416, 54.3376, 17.2401



16.1186, 18.7534, 23.0202



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.



39.0570, 52.8250, 77.2460



50.1243, 69.3419, 105.3502



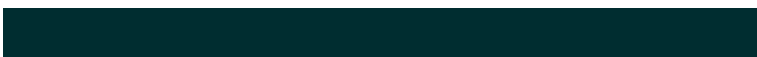
25.1179, 24.9468, 72.5996



14.0165, 15.3722, 17.6161



20.6965, 28.8626, 45.5286



1.4631, 2.0576, 3.1653

Inverse Universe

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



44.2072, 25.0817, 63.4862



57.9243, 29.8279, 83.9492



43.5657, 40.4340, 11.9883



14.2446, 13.9155, 17.0581



24.3868, 11.8217, 35.0325



1.7048, 0.8252, 2.5041

Previews

White Background



This preview shows how the XYZ color 39.0554, 52.8230, 77.2447 looks on a white background.

Color Contrast Check

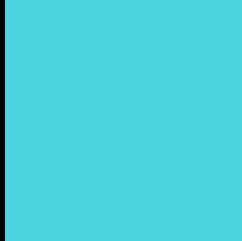
Large Text (above 18pt) WCAG AA × Fail

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 39.0554, 52.8230, 77.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

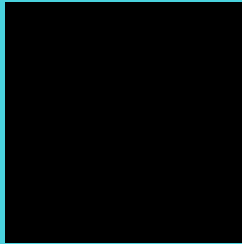
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0554, 52.8230, 77.2447

Background



This preview shows how black text looks on a background with the XYZ color 39.0554, 52.8230, 77.2447.



This preview shows how white text looks on a background with the XYZ color 39.0554, 52.8230,

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

39.0554, 52.8230, 77.2447

Protanopia

50.6925, 51.8175, 67.6516

Deuteranopia

52.9099, 51.7402, 79.8713



Tritanopia

39.5084, 52.6284, 80.0275

Trichromacy



Original Color

39.0554, 52.8230, 77.2447



Protanomaly

44.1365, 50.9906, 71.1343



Deuteranomaly

45.3185, 50.7624, 78.6437



Tritanomaly

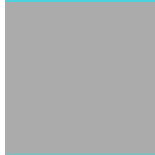
39.2927, 52.5330, 79.3031

Monochromacy



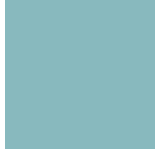
Original Color

39.0554, 52.8230, 77.2447



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

36.7966, 43.6499, 55.2011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0554, 52.8230, 77.2447 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(74, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(74, 210, 222)  
}
```

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(74, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 210, 222) }
```

Border

The CSS property to change the border of an element to XYZ 39.0554, 52.8230, 77.2447 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(74, 210, 222) }
```


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

```
.border{ border-color:rgb(74, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(74, 210,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0554, 52.8230, 77.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 210, 222) }
```

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

```
.background{ background-color: rgb(74, 210,  
222) }
```

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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