

Converting Colors

XYZ(39.2443, 59.9606, 56.1303)

Have a look what the booklet for
XYZ(39.2443, 59.9606, 56.1303)
contains.

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Color

**XYZ(39.2337, 59.9792,
55.9637)**

Conversions

Conversions Part 1

Format	Color
Hex	4BE3BA
RGB	75, 227, 186
RGB Percent	29%, 89%, 73%
CMY	0.7059, 0.1098, 0.2706
CMYK	0.67, 0.00, 0.18, 0.11
HSL	164°, 73%, 59%
HSV	164°, 67%, 89%
XYZ	39.2337, 59.9792, 55.9637
YIQ	176.8780, -77.4310, -44.9750

Conversions

Conversions Part 2

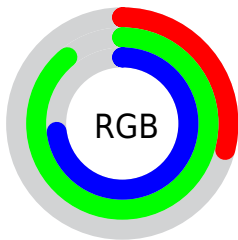
Format	Color
RYB	75, 163, 227
Decimal	4973498
CIELab	81.83, -49.38, 8.46
CIELCh	82, 50.101, 170.277
Yxy	59.9792, 0.2528, 0.3865
Android (android.graphics.Color)	4283163578 (0xFF4BE3BA)
YUV	176.8780, 4.4971, -89.3470
Hunter-Lab	77.4462, -45.1041, 11.3686

Details

The XYZ color **39.2337, 59.9792, 55.9637** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **37.3491, 22.6256, 18.9241**, and the grayscale version is **41.7339, 43.9073, 47.8151**.

A 20% lighter version of the original color is **62.6022, 83.5063, 96.8232**, and **18.7965, 30.8193, 27.1483** is the 20% darker color. If you saturate the color by 10%, you get **37.1279, 58.9687, 52.5403**, and if you desaturate by 10%, it is **42.0038, 61.3319, 59.5664**.

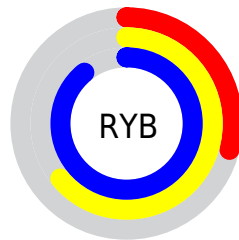
Distribution



Red (29%)

Green (89%)

Blue (73%)



Red (29%)

Yellow (64%)

Blue (89%)

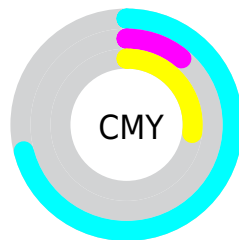


Cyan (67%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (71%)


Magenta (11%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2337, 59.9792, 55.9637 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 39.2337, 59.9792, 55.9637 by changing the saturation by 10% instead.


 39.2337, 59.9792,
55.9637


 39.2337, 59.9792,
55.9637


334.0731,
424.5211, 426.9392


 27.1231, 43.4019,
39.7700


 73.2870, 104.7995,
100.4368


 17.8028, 30.2006,
27.0469


 95.9604, 133.8112,
129.5532

 10.9073, 19.9909,
17.3757


 122.8855,
167.7366, 163.8144

 6.0714, 12.3884,
10.3379

 154.4276,
206.9599, 203.6387

 2.9296, 7.0088,
5.5151

190.9520,
251.8657, 249.4449

 1.1166, 3.4676,
2.4885

232.8242,

 0.0390, 1.3804,

302.8382, 301.6513

0.8341

280.4094,
360.2618, 360.6765

■ 0.0000, 0.2022,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.2337, 59.9792,
55.9637

■ 39.2337, 59.9792,
55.9637

■ 37.1279, 58.9687,
52.5403

■ 42.0038, 61.3319,
59.5664

■ 35.6102, 58.2568,
49.2870


■ 45.4942, 63.0511,
63.3490


■ 34.5901, 57.7982,
46.1991


■ 49.7602, 65.1669,
67.3170


■ 34.3318, 57.6849,
45.2901


■ 54.8505, 67.7043,
71.4745

 60.8095, 70.6862,
75.8252

 67.6785, 74.1337,
80.3726

 75.4961, 78.0669,
85.1203

 83.7040, 82.1978,
90.0437

 84.6042, 82.5578,
94.7841

Harmonies

Analogous

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



42.7637, 59.9792, 34.7287



39.2337, 59.9792, 55.9637



39.9927, 59.9792, 87.6235

Triad

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



39.2337, 59.9792, 55.9637



64.3448, 59.9792, 136.5204



71.0058, 59.9792, 29.9932

Complementary

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



39.2337, 59.9792, 55.9637



37.3491, 22.6256, 18.9241

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.



78.2730, 59.9792, 47.1433



39.2337, 59.9792, 55.9637



74.1098, 59.9792, 110.0059

Square

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



39.2337, 59.9792, 55.9637



53.6451, 59.9792, 141.1006



79.4743, 59.9792, 75.6367



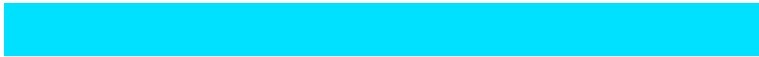
60.5095, 59.9792, 23.1012

Rectangle

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



39.2337, 59.9792, 55.9637



42.8682, 59.9792, 110.6180



79.4743, 59.9792, 75.6367



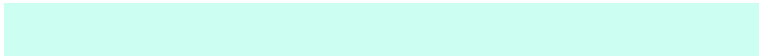
73.9593, 59.9792, 34.4462

Sweetspot

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



39.2354, 59.9816, 55.9651



76.5753, 90.7228, 96.8845



36.2213, 59.3049, 16.1957



15.9178, 19.1819, 20.3937



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.



39.2354, 59.9816, 55.9651



47.5471, 76.3925, 66.8646



36.0754, 45.6575, 79.5871



14.6328, 16.2666, 17.5971



20.0728, 33.6612, 26.6814



1.5216, 2.5028, 2.1732

Inverse Universe

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



37.3491, 22.6256, 18.9241



45.0269, 24.6689, 16.0322



38.3061, 27.5519, 9.9568



14.5359, 14.4315, 15.7563



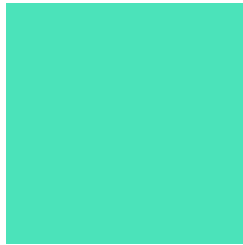
19.0117, 9.7389, 3.6904



1.4429, 0.7349, 0.4727

Previews

White Background



This preview shows how the XYZ color 39.2337, 59.9792, 55.9637 looks on a white background.

Color Contrast Check

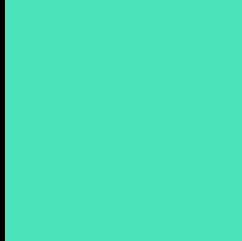
Large Text (above 18pt) WCAG AA × Fail

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 39.2337, 59.9792, 55.9637 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

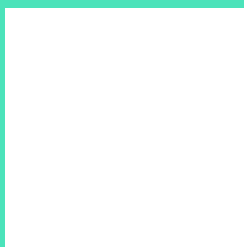
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2337, 59.9792, 55.9637

Background



This preview shows how black text looks on a background with the XYZ color 39.2337, 59.9792, 55.9637.



This preview shows how white text looks on a background with the XYZ color 39.2337, 59.9792,

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

39.2337, 59.9792, 55.9637

Protanopia

55.5808, 58.7875, 47.9529

Deuteranopia

59.8812, 58.7278, 58.6316



Tritanopia

45.9556, 59.9008, 90.0288

Trichromacy



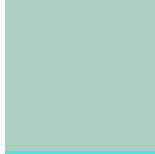
Original Color

39.2337, 59.9792, 55.9637



Protanomaly

45.9828, 56.9889, 50.6959



Deuteranomaly

48.1847, 56.8894, 57.1563



Tritanomaly

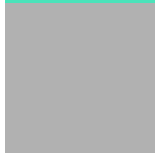
43.2937, 60.0137, 76.3198

Monochromacy



Original Color

39.2337, 59.9792, 55.9637



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

38.5685, 47.9010, 50.3930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2337, 59.9792, 55.9637 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(75, 227, 186)` looks like.

```
.text, #text, p{  
    color:rgb(75, 227, 186)  
}
```

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(75, 227, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 227, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.2337, 59.9792, 55.9637 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(75, 227, 186) }
```


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

```
.border{ border-color:rgb(75, 227, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 227, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 227, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 227, 186);  
box-shadow:4px 4px 4px 4px rgb(75, 227,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2337, 59.9792, 55.9637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 227, 186) }
```

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

```
.background{ background-color: rgb(75, 227,  
186) }
```

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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