

Converting Colors

XYZ(39.1961, 54.1240, 67.1572)

Have a look what the booklet for
XYZ(39.1961, 54.1240, 67.1572)
contains.

XYZ(39.2732, 54.2672, 67.4362)	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(39.2732, 54.2672,
67.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD5CF
RGB	90, 213, 207
RGB Percent	35%, 84%, 81%
CMY	0.6470, 0.1647, 0.1882
CMYK	0.58, 0.00, 0.03, 0.16
HSL	177°, 59%, 59%
HSV	177°, 58%, 84%
XYZ	39.2732, 54.2672, 67.4362
YIQ	175.5390, -71.3820, -27.9420

Conversions

Conversions Part 2

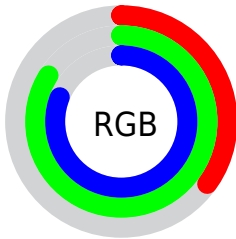
Format	Color
RYB	90, 153, 213
Decimal	5952975
CIELab	78.62, -35.42, -7.35
CIELCh	79, 36.176, 191.718
Yxy	54.2672, 0.2440, 0.3371
Android (android.graphics.Color)	4284143055 (0xFF5AD5CF)
YUV	175.5390, 15.5103, -75.0177
Hunter-Lab	73.6663, -33.7535, -2.7094

Details

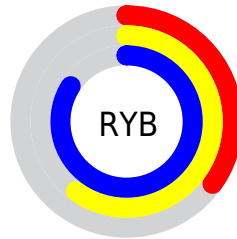
The XYZ color **39.2732, 54.2672, 67.4362** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.2099, 22.3046, 13.6230**, and the grayscale version is **40.9771, 43.1111, 46.9480**.

A 20% lighter version of the original color is **66.5725, 85.3193, 107.5673**, and **17.9766, 26.7536, 34.3535** is the 20% darker color. If you saturate the color by 10%, you get **37.3645, 53.2991, 66.6868**, and if you desaturate by 10%, it is **41.7795, 55.5457, 68.2203**.

Distribution



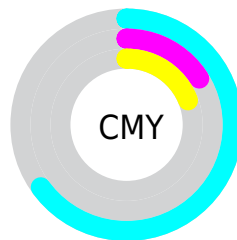
- Red (35%)
- Green (84%)
- Blue (81%)



- Red (35%)
- Yellow (60%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)





- Cyan (65%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2732, 54.2672, 67.4362 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 39.2732, 54.2672, 67.4362 by changing the saturation by 10% instead.


 39.2732, 54.2672,
67.4362


 39.2732, 54.2672,
67.4362


334.2378,
403.1281, 470.0396


 27.1540, 38.8153,
48.9754


 73.3469, 96.4665,
117.1918

 17.8261, 26.6161,
34.2345


 96.0321, 123.9826,
149.3236

 10.9241, 17.2851,
22.7950


 122.9700,
156.2890, 186.8496

 6.0828, 10.4380,
14.2383

 154.5260,
193.7700, 230.1882

 2.9366, 5.6903,
8.1460

191.0654,
236.8100, 279.7579

 1.1203, 2.6577,
4.0994

232.9536,

 0.0420, 0.9558,

285.7935, 335.9774

1.6800

280.5560,
341.1047, 399.2651

■ 0.0000, 0.0000,
0.3470

■ 0.0000, 0.0000,
0.0000

■ 39.2732, 54.2672,
67.4362

■ 39.2732, 54.2672,
67.4362

■ 37.3645, 53.2991,
66.6868

■ 41.7795, 55.5457,
68.2203

■ 35.9963, 52.6083,
65.9659

■ 44.9245, 57.1523,
69.0375

■ 35.1089, 52.1653,
65.2719

■ 48.7516, 59.1103,
69.8910

■ 34.6162, 51.9256,
64.6006

■ 53.2987, 61.4393,
70.7825

■ 34.5281, 51.8835,
64.4509

■ 58.6010, 64.1577,
71.7138

■ 64.6916, 67.2823,
72.6864

■ 71.6013, 70.8290,
73.7018

■ 77.3416, 73.7729,
74.6668

■ 77.4759, 73.8266,
75.3740

Harmonies

Analogous

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



39.6134, 54.2672, 47.5945



39.2732, 54.2672, 67.4362



41.9975, 54.2672, 89.2969

Triad

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



39.2732, 54.2672, 67.4362



61.2631, 54.2672, 93.5542



56.0059, 54.2672, 29.0703

Complementary

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



39.2732, 54.2672, 67.4362



33.2099, 22.3046, 13.6230

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.



62.5179, 54.2672, 36.5992



39.2732, 54.2672, 67.4362



65.7407, 54.2672, 72.2966

Square

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



39.2732, 54.2672, 67.4362



54.4175, 54.2672, 106.5404



66.2201, 54.2672, 51.4584



48.8417, 54.2672, 28.3503

Rectangle

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



39.2732, 54.2672, 67.4362



45.3454, 54.2672, 100.9048



66.2201, 54.2672, 51.4584



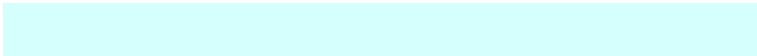
58.3599, 54.2672, 30.7910

Sweetspot

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



39.2748, 54.2693, 67.4375



80.5218, 92.5496, 106.4521



30.4811, 50.8238, 17.8776



16.9160, 19.6460, 22.7258



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.



39.2748, 54.2693, 67.4375



55.6868, 79.8637, 100.0026



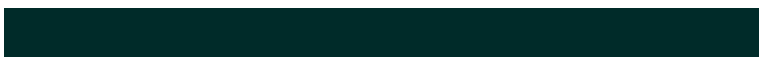
28.3957, 31.3142, 67.5008



12.7648, 14.0969, 15.8418



21.1019, 31.6961, 39.4277



1.2810, 1.9151, 2.4215

Inverse Universe

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



33.2099, 22.3046, 13.6230



45.7860, 27.5577, 12.0596



39.4670, 35.2443, 14.3968



12.4476, 12.4305, 13.0312



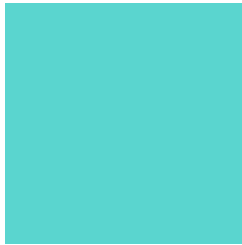
16.8076, 8.6594, 1.0250



1.0226, 0.5258, 0.1083

Previews

White Background



This preview shows how the XYZ color 39.2732, 54.2672, 67.4362 looks on a white background.

Color Contrast Check

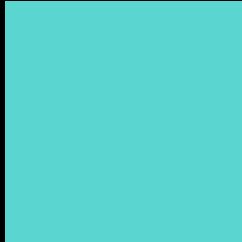
Large Text (above 18pt) WCAG AA × Fail

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 39.2732, 54.2672, 67.4362 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

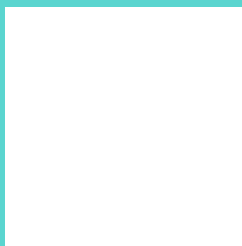
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2732, 54.2672, 67.4362

Background



This preview shows how black text looks on a background with the XYZ color 39.2732, 54.2672, 67.4362.

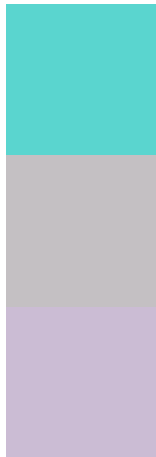


This preview shows how white text looks on a background with the XYZ color 39.2732, 54.2672,

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

39.2732, 54.2672, 67.4362

Protanopia

51.4649, 53.3752, 59.2197

Deuteranopia

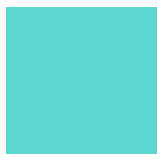
54.4955, 53.4164, 69.7255



Tritanopia

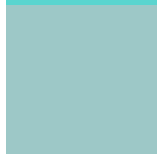
41.9487, 54.2359, 80.9307

Trichromacy



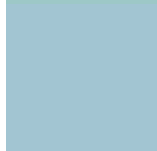
Original Color

39.2732, 54.2672, 67.4362



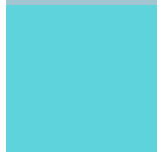
Protanomaly

44.8677, 52.6002, 61.8209



Deuteranomaly

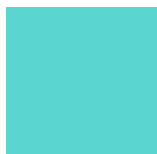
46.4994, 52.2670, 68.6105



Tritanomaly

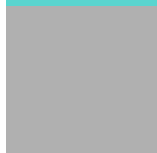
40.9318, 54.1887, 76.0123

Monochromacy



Original Color

39.2732, 54.2672, 67.4362



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.8443, 46.0028, 53.8458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2732, 54.2672, 67.4362 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(90, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(90, 213, 207)  
}
```

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(90, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 213, 207) }
```

Border

The CSS property to change the border of an element to XYZ 39.2732, 54.2672, 67.4362 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(90, 213, 207) }
```


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

```
.border{ border-color:rgb(90, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(90, 213,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2732, 54.2672, 67.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 213, 207) }
```

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

```
.background{ background-color: rgb(90, 213,  
207) }
```

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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