

Converting Colors

XYZ(25.0449, 39.8957, 33.5634)

Have a look what the booklet for
XYZ(25.0449, 39.8957, 33.5634)
contains.

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Color

**XYZ(25.0857, 39.9899,
33.5908)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 31BF92 |
| RGB | 49, 191, 146 |
| RGB Percent | 19%, 75%, 57% |
| CMY | 0.8078, 0.2510, 0.4274 |
| CMYK | 0.74, 0.00, 0.24, 0.25 |
| HSL | 161°, 59%, 47% |
| HSV | 161°, 74%, 75% |
| XYZ | 25.0857, 39.9899, 33.5908 |
| YIQ | 143.4120, -70.1870, -44.0990 |

Conversions

Conversions Part 2

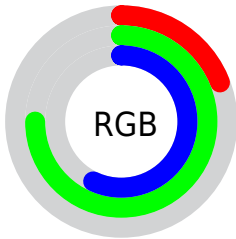
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 49, 133, 191 |
| Decimal | 3260306 |
| CIELab | 69.46, -47.65, 12.21 |
| CIELCh | 69, 49.187, 165.628 |
| Yxy | 39.9899, 0.2542, 0.4053 |
| Android (android.graphics.Color) | 4281450386 (0xFF31BF92) |
| YUV | 143.4120, 1.2759, -82.7993 |
| Hunter-Lab | 63.2376, -39.8566, 12.7724 |

Details

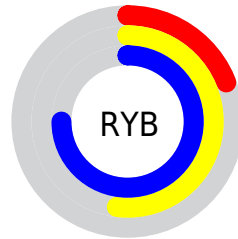
The XYZ color **25.0857, 39.9899, 33.5908** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **24.6058, 14.0821, 12.0123**, and the grayscale version is **26.2894, 27.6585, 30.1201**.

A 20% lighter version of the original color is **51.1952, 75.0179, 66.4252**, and **10.8697, 18.4345, 13.8118** is the 20% darker color. If you saturate the color by 10%, you get **23.8940, 39.4295, 31.1424**, and if you desaturate by 10%, it is **26.6947, 40.7645, 36.1907**.

Distribution



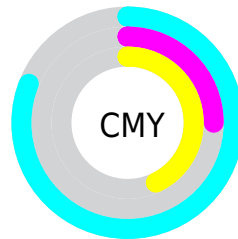
- Red (19%)
- Green (75%)
- Blue (57%)



- Red (19%)
- Yellow (52%)
- Blue (75%)



- Cyan (74%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)





- Cyan (81%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0857, 39.9899, 33.5908 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 25.0857, 39.9899, 33.5908 by changing the saturation by 10% instead.


 25.0857, 39.9899,
33.5908


 25.0857, 39.9899,
33.5908


270.6042,
346.0810, 333.0169


 16.2700, 27.5307,
22.3046


 51.2381, 75.1481,
66.4234


 9.8075, 17.9722,
13.8804


 69.3055, 98.6159,
88.8069


 5.3328, 10.9300,
7.8998


 91.1875, 126.5220,
115.7266

 2.4806, 6.0198,
3.9440

 117.2495,
159.2508, 147.6011

 0.8855, 2.8571,
1.5947

 147.8568,
197.1867, 184.8488

 0.0000, 1.0576,
0.2870

183.3748,

 0.0000, 0.0000,

240.7141, 227.8883

0.0000

224.1688,
290.2174, 277.1381

■ 25.0857, 39.9899,
33.5908

■ 25.0857, 39.9899,
33.5908

■ 23.8940, 39.4295,
31.1424

■ 26.6947, 40.7645,
36.1907

■ 23.0627, 39.0511,
28.8381

■ 28.7620, 41.7715,
38.9433

■ 22.6925, 38.8874,
27.5954

■ 31.3272, 43.0321,
41.8533

■ 34.4243, 44.5640,
44.9240

■ 38.0847, 46.3832,
48.1588

■ 42.3370, 48.5044,
51.5609

■ 47.2078, 50.9414,
55.1331

■ 52.7221, 53.7069,
58.8785

■ 58.9037, 56.8133,
62.7999

Harmonies

Analogous

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



28.1316, 39.9899, 19.6133



25.0857, 39.9899, 33.5908



25.1512, 39.9899, 56.3768

Triad

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



25.0857, 39.9899, 33.5908



42.2601, 39.9899, 100.4807



49.6817, 39.9899, 19.2189

Complementary

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



25.0857, 39.9899, 33.5908



24.6058, 14.0821, 12.0123

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.



54.6380, 39.9899, 32.8203



25.0857, 39.9899, 33.5908



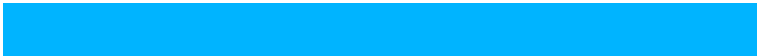
49.9644, 39.9899, 81.7078

Square

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



25.0857, 39.9899, 33.5908



34.3538, 39.9899, 100.9132



54.7481, 39.9899, 55.2872



41.9151, 39.9899, 13.4889

Rectangle

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



25.0857, 39.9899, 33.5908



26.9282, 39.9899, 74.2020



54.7481, 39.9899, 55.2872



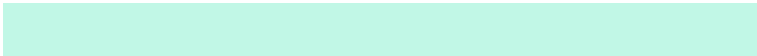
51.7764, 39.9899, 22.7607

Sweetspot

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



25.0868, 39.9915, 33.5917



69.6407, 83.7835, 87.4412



24.0454, 39.9899, 9.3577



14.8620, 18.1837, 18.8421



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.0868, 39.9915, 33.5917



41.8196, 70.1693, 53.2406



24.5517, 32.1758, 54.2086



9.6764, 10.7567, 11.5454



14.9505, 25.5705, 18.3338



0.6141, 1.0130, 0.8679

Inverse Universe

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



24.6058, 14.0821, 12.0123



41.0345, 21.4939, 13.2891



24.4021, 16.0205, 4.7124



9.6514, 9.5849, 10.5533



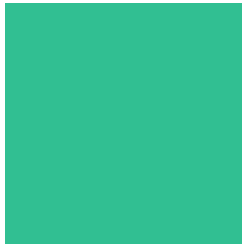
14.6982, 7.5104, 3.7044



0.6062, 0.3064, 0.3057

Previews

White Background



This preview shows how the XYZ color 25.0857, 39.9899, 33.5908 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 25.0857, 39.9899, 33.5908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

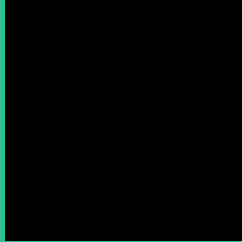
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0857, 39.9899, 33.5908

Background



This preview shows how black text looks on a background with the XYZ color 25.0857, 39.9899, 33.5908.



This preview shows how white text looks on a background with the XYZ color 25.0857, 39.9899,

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

25.0857, 39.9899, 33.5908

Protanopia

36.9662, 39.3382, 28.5664

Deuteranopia

39.8230, 39.0548, 35.1452



Tritanopia

30.3509, 39.9004, 60.1347

Trichromacy



Original Color

25.0857, 39.9899, 33.5908



Protanomaly

29.7013, 37.8203, 30.1607



Deuteranomaly

31.0961, 37.5781, 34.4685



Tritanomaly

28.2553, 39.9942, 49.4105

Monochromacy



Original Color

25.0857, 39.9899, 33.5908



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

23.9115, 30.4064, 30.9943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0857, 39.9899, 33.5908 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(49, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(49, 191, 146)  
}
```

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(49, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 191, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.0857, 39.9899, 33.5908 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(49, 191, 146) }
```


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

```
.border{ border-color:rgb(49, 191, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 191, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 191, 146);  
box-shadow:4px 4px 4px 4px rgb(49, 191,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0857, 39.9899, 33.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 191, 146) }
```

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

```
.background{ background-color: rgb(49, 191,  
146) }
```

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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