

Converting Colors

XYZ(25.1508, 39.0490, 34.0091)

Have a look what the booklet for
XYZ(25.1508, 39.0490, 34.0091)
contains.

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Color

**XYZ(25.1132, 39.0337,
33.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	3CBC93
RGB	60, 188, 147
RGB Percent	24%, 74%, 58%
CMY	0.7647, 0.2627, 0.4235
CMYK	0.68, 0.00, 0.22, 0.26
HSL	161°, 52%, 49%
HSV	161°, 68%, 74%
XYZ	25.1132, 39.0337, 33.8144
YIQ	145.0540, -63.1270, -39.8870

Conversions

Conversions Part 2

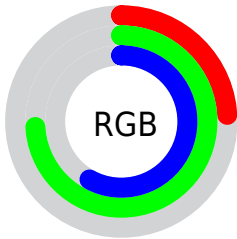
Format	Color
RYB	60, 136, 188
Decimal	3980435
CIELab	68.78, -44.57, 10.73
CIELCh	69, 45.843, 166.469
Yxy	39.0337, 0.2564, 0.3985
Android (android.graphics.Color)	4282170515 (0xFF3CBC93)
YUV	145.0540, 0.9594, -74.5924
Hunter-Lab	62.4770, -37.5849, 11.6443

Details

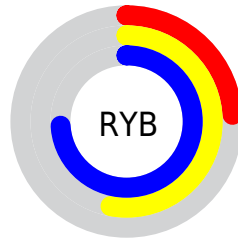
The XYZ color **25.1132, 39.0337, 33.8144** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **24.7052, 14.8637, 13.8805**, and the grayscale version is **26.9513, 28.3549, 30.8785**.

A 20% lighter version of the original color is **51.2211, 73.6594, 66.7764**, and **10.6364, 17.8947, 13.9598** is the 20% darker color. If you saturate the color by 10%, you get **23.7127, 38.3659, 31.3468**, and if you desaturate by 10%, it is **26.9439, 39.9224, 36.4330**.

Distribution



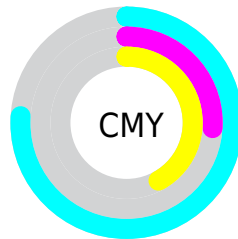
- Red (24%)
- Green (74%)
- Blue (58%)



- Red (24%)
- Yellow (53%)
- Blue (74%)



- Cyan (68%)
- Magenta (0%)
- Yellow (22%)
- Black (26%)





- Cyan (76%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1132, 39.0337, 33.8144 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 25.1132, 39.0337, 33.8144 by changing the saturation by 10% instead.


 25.1132, 39.0337,
33.8144


 25.1132, 39.0337,
33.8144


270.7385,
342.0337, 334.0475


 16.2906, 26.7859,
22.4748


 51.2824, 73.6898,
66.7755


 9.8222, 17.4125,
14.0046


 69.3597, 96.8669,
89.2342


 5.3426, 10.5290,
7.9851


 91.2525, 124.4560,
116.2363

 2.4864, 5.7511,
3.9978

 117.3264,
156.8413, 148.2004

 0.8884, 2.6943,
1.6241

 147.9465,
194.4074, 185.5450

 0.0000, 0.9743,
0.3079

183.4784,

 0.0000, 0.0000,

237.5386, 228.6887

0.0000

224.2872,
286.6192, 278.0501

■ 25.1132, 39.0337,
33.8144

■ 25.1132, 39.0337,
33.8144

■ 23.7127, 38.3659,
31.3468

■ 26.9439, 39.9224,
36.4330

■ 22.6939, 37.8911,
29.0234

■ 29.2405, 41.0474,
39.2037

■ 21.9871, 37.5743,
26.8398

■ 32.0382, 42.4278,
42.1308

■ 21.8657, 37.5205,
26.4360

■ 35.3682, 44.0796,
45.2176

■ 39.2587, 46.0173,
48.4672

■ 43.7362, 48.2546,
51.8826

■ 48.8253, 50.8040,
55.4667

■ 54.5492, 53.6776,
59.2223

■ 60.9298, 56.8866,
63.1521

Harmonies

Analogous

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



27.8698, 39.0337, 20.4795



25.1132, 39.0337, 33.8144



25.2563, 39.0337, 54.8759

Triad

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



25.1132, 39.0337, 33.8144



41.2014, 39.0337, 93.5408



47.5724, 39.0337, 19.6013

Complementary

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



25.1132, 39.0337, 33.8144



24.7052, 14.8637, 13.8805

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.



52.1663, 39.0337, 32.1423



25.1132, 39.0337, 33.8144



48.1725, 39.0337, 76.4220

Square

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



25.1132, 39.0337, 33.8144



33.9283, 39.0337, 94.4416



52.3993, 39.0337, 52.5609



40.4642, 39.0337, 14.2719

Rectangle

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



25.1132, 39.0337, 33.8144



26.9662, 39.0337, 70.9770



52.3993, 39.0337, 52.5609



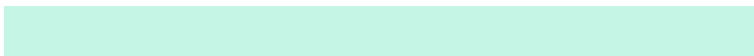
49.5003, 39.0337, 22.8874

Sweetspot

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



25.1143, 39.0352, 33.8153



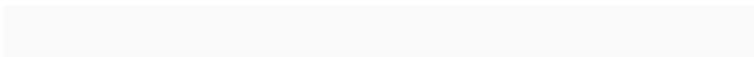
69.4744, 82.5618, 86.4885



24.3555, 39.1582, 10.5503



14.5055, 17.5379, 18.2405



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.1143, 39.0352, 33.8153



41.9225, 69.0364, 54.5624



24.6996, 32.1085, 52.4745



9.6750, 10.7561, 11.5380



14.9218, 25.5590, 18.1829



0.6131, 1.0126, 0.8628

Inverse Universe

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



24.7052, 14.8637, 13.8805



41.2158, 22.2732, 16.4165



24.5232, 16.9533, 6.2555



9.6527, 9.5854, 10.5603



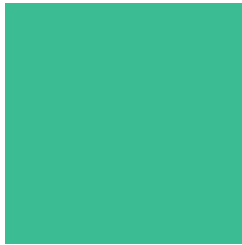
14.7100, 7.5151, 3.7663



0.6068, 0.3066, 0.3087

Previews

White Background



This preview shows how the XYZ color 25.1132, 39.0337, 33.8144 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 25.1132, 39.0337, 33.8144 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

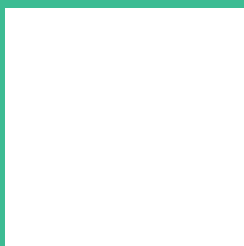
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1132, 39.0337, 33.8144

Background



This preview shows how black text looks on a background with the XYZ color 25.1132, 39.0337, 33.8144.



This preview shows how white text looks on a background with the XYZ color 25.1132, 39.0337,

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

25.1132, 39.0337, 33.8144

Protanopia

35.9846, 38.2801, 28.7848

Deuteranopia

39.2337, 38.4810, 35.4967



Tritanopia

29.8810, 38.7826, 58.1354

Trichromacy



Original Color

25.1132, 39.0337, 33.8144



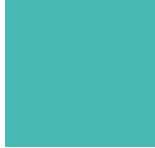
Protanomaly

29.7012, 37.2339, 30.4324



Deuteranomaly

31.1333, 37.0229, 34.7834



Tritanomaly

27.9240, 38.9118, 48.1585

Monochromacy



Original Color

25.1132, 39.0337, 33.8144



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.8726, 31.1425, 31.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1132, 39.0337, 33.8144 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(60, 188, 147)` looks like.

```
.text, #text, p{  
    color:rgb(60, 188, 147)  
}
```

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(60, 188, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 188, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.1132, 39.0337, 33.8144 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(60, 188, 147) }
```


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

```
.border{ border-color:rgb(60, 188, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 188, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(60, 188, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(60, 188, 147); box-shadow:4px 4px 4px 4px rgb(60, 188, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1132, 39.0337, 33.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 188, 147) }
```

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

```
.background{ background-color: rgb(60, 188,  
147) }
```

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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