

Converting Colors

XYZ(25.1191, 39.3614, 37.8063)

Have a look what the booklet for
XYZ(25.1191, 39.3614, 37.8063)
contains.

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Color

**XYZ(25.0350, 39.2268,
37.7045)**

Conversions

Conversions Part 1

Format	Color
Hex	27BD9C
RGB	39, 189, 156
RGB Percent	15%, 74%, 61%
CMY	0.8470, 0.2588, 0.3882
CMYK	0.79, 0.00, 0.17, 0.26
HSL	167°, 66%, 45%
HSV	167°, 79%, 74%
XYZ	25.0350, 39.2268, 37.7045
YIQ	140.3880, -78.8070, -42.0630

Conversions

Conversions Part 2

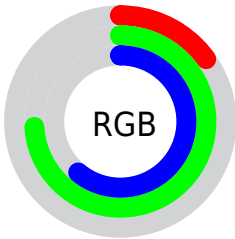
Format	Color
R _Y B	39, 123, 189
Decimal	2604444
CIE Lab	68.92, -45.51, 5.96
CIE LCh	69, 45.894, 172.538
Yxy	39.2268, 0.2455, 0.3847
Android (android.graphics.Color)	4280794524 (0xFF27BD9C)
YUV	140.3880, 7.6967, -88.9173
Hunter-Lab	62.6313, -38.2547, 8.1489

Details

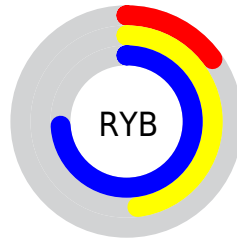
The XYZ color **25.0350, 39.2268, 37.7045** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **22.8828, 12.7387, 7.3852**, and the grayscale version is **25.0725, 26.3782, 28.7259**.

A 20% lighter version of the original color is **51.0190, 73.8797, 72.5440**, and **11.2138, 18.3479, 16.3151** is the 20% darker color. If you saturate the color by 10%, you get **24.1436, 38.8082, 35.8567**, and if you desaturate by 10%, it is **26.2970, 39.8369, 39.6344**.

Distribution



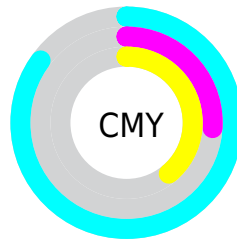
- Red (15%)
- Green (74%)
- Blue (61%)



- Red (15%)
- Yellow (48%)
- Blue (74%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (26%)





- Cyan (85%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0350, 39.2268, 37.7045 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 25.0350, 39.2268, 37.7045 by changing the saturation by 10% instead.


 25.0350, 39.2268,
37.7045


 25.0350, 39.2268,
37.7045


270.3566,
342.8538, 351.6108


 16.2320, 26.9362,
25.4534


 51.1565, 73.9847,
72.8534


 9.7804, 17.5253,
16.1931


 69.2057, 97.2207,
96.5882


 5.3147, 10.6097,
9.5050


 91.0677, 124.8741,
124.9880

 2.4697, 5.8051,
4.9708

 117.1078,
157.3291, 158.4714

 0.8800, 2.7269,
2.1717

 147.6914,
194.9702, 197.4568

 0.0000, 0.9909,
0.6580

183.1838,

 0.0000, 0.0000,

238.1817, 242.3628

0.0000

223.9504,
287.3481, 293.6079

■ 25.0350, 39.2268,
37.7045

■ 25.0350, 39.2268,
37.7045

■ 24.1436, 38.8082,
35.8567

■ 26.2970, 39.8369,
39.6344

■ 23.5337, 38.5324,
34.0834

■ 27.9730, 40.6581,
41.6463

■ 23.4977, 38.5163,
33.9725

■ 30.1038, 41.7124,
43.7437

■ 32.7246, 43.0179,
45.9287

■ 35.8669, 44.5906,
48.2035

■ 39.5594, 46.4457,
50.5700

■ 43.8289, 48.5966,
53.0300

■ 48.7004, 51.0565,
55.5852

■ 54.1972, 53.8372,
58.2372

Harmonies

Analogous

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



27.2227, 39.2268, 22.6428



25.0350, 39.2268, 37.7045



25.7724, 39.2268, 60.0309

Triad

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



25.0350, 39.2268, 37.7045



42.9221, 39.2268, 91.5877



46.4814, 39.2268, 18.1040

Complementary

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



25.0350, 39.2268, 37.7045



22.8828, 12.7387, 7.3852

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.



51.7958, 39.2268, 29.0914



25.0350, 39.2268, 37.7045



49.5610, 39.2268, 72.0959

Square

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



25.0350, 39.2268, 37.7045



35.4920, 39.2268, 96.1986



52.9906, 39.2268, 48.1428



39.1351, 39.2268, 13.9813

Rectangle

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



25.0350, 39.2268, 37.7045



27.8753, 39.2268, 76.0287



52.9906, 39.2268, 48.1428



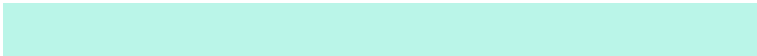
48.6020, 39.2268, 20.9042

Sweetspot

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



25.0361, 39.2283, 37.7054



67.4008, 81.4480, 88.4185



21.3891, 37.9991, 8.1273



14.0013, 17.2675, 18.6913



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.



25.0361, 39.2283, 37.7054



42.4433, 69.1423, 61.9319



20.7707, 25.6019, 51.9928



9.7163, 10.7726, 11.7554



15.8389, 25.9258, 23.0120



0.6431, 1.0246, 1.0208

Inverse Universe

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



22.8828, 12.7387, 7.3852



38.6295, 20.0088, 6.5886



24.1498, 16.5586, 3.8434



9.6138, 9.5698, 10.3553



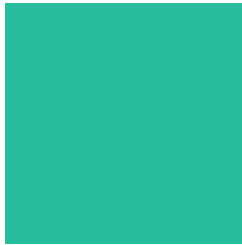
14.4204, 7.3993, 2.2416



0.5900, 0.2999, 0.2201

Previews

White Background



This preview shows how the XYZ color 25.0350, 39.2268, 37.7045 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 25.0350, 39.2268, 37.7045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

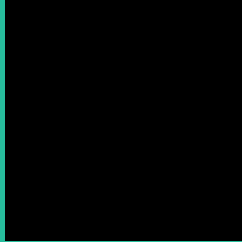
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

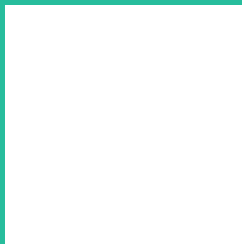
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0350, 39.2268, 37.7045

Background



This preview shows how black text looks on a background with the XYZ color 25.0350, 39.2268, 37.7045.



This preview shows how white text looks on a background with the XYZ color 25.0350, 39.2268,

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

25.0350, 39.2268, 37.7045

Protanopia

36.3495, 38.4000, 31.8817

Deuteranopia

39.2740, 38.4127, 39.5268



Tritanopia

29.3733, 39.1024, 59.4255

Trichromacy



Original Color

25.0350, 39.2268, 37.7045



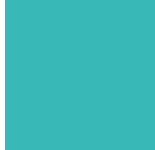
Protanomaly

29.0855, 36.8458, 33.5960



Deuteranomaly

30.4238, 36.5694, 38.7128



Tritanomaly

27.5271, 38.9576, 50.8685

Monochromacy



Original Color

25.0350, 39.2268, 37.7045



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.0087, 29.4126, 31.6586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0350, 39.2268, 37.7045 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(39, 189, 156)` looks like.

```
.text, #text, p{  
    color:rgb(39, 189, 156)  
}
```

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(39, 189, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 189, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.0350, 39.2268, 37.7045 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(39, 189, 156) }
```


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

```
.border{ border-color:rgb(39, 189, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 189, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 189, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 189, 156);  
box-shadow:4px 4px 4px 4px rgb(39, 189,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0350, 39.2268, 37.7045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 189, 156) }
```

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

```
.background{ background-color: rgb(39, 189,  
156) }
```

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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