

Converting Colors

XYZ(32.6800, 53.6299, 39.3119)

Have a look what the booklet for
XYZ(32.6800, 53.6299, 39.3119)
contains.

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Color

**XYZ(32.7398, 53.8084,
39.2323)**

Conversions

Conversions Part 1

Format	Color
Hex	37DB9A
RGB	55, 219, 154
RGB Percent	22%, 86%, 60%
CMY	0.7843, 0.1412, 0.3961
CMYK	0.75, 0.00, 0.30, 0.14
HSL	156°, 69%, 54%
HSV	156°, 75%, 86%
XYZ	32.7398, 53.8084, 39.2323
YIQ	162.5540, -76.8790, -54.9830

Conversions

Conversions Part 2

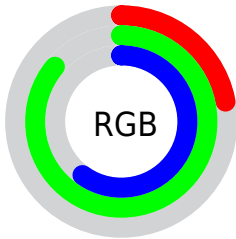
Format	Color
RYB	55, 157, 219
Decimal	3660698
CIELab	78.35, -56.18, 20.35
CIELCh	78, 59.758, 160.085
Yxy	53.8084, 0.2603, 0.4278
Android (android.graphics.Color)	4281850778 (0xFF37DB9A)
YUV	162.5540, -4.2171, -94.3249
Hunter-Lab	73.3542, -48.7009, 19.6377

Details

The XYZ color **32.7398, 53.8084, 39.2323** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **33.9716, 19.1497, 19.6772**, and the grayscale version is **34.6492, 36.4537, 39.6980**.

A 20% lighter version of the original color is **55.7261, 80.4834, 72.9194**, and **15.5454, 27.1737, 17.2577** is the 20% darker color. If you saturate the color by 10%, you get **31.0987, 53.0443, 35.5178**, and if you desaturate by 10%, it is **34.9679, 54.8718, 43.2496**.

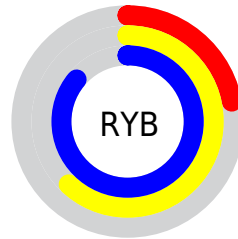
Distribution



Red (22%)

Green (86%)

Blue (60%)



Red (22%)

Yellow (62%)

Blue (86%)

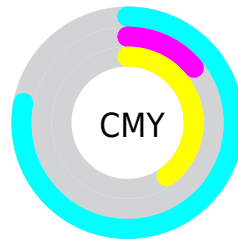


Cyan (75%)

Magenta (0%)

Yellow (30%)

Black (14%)



Cyan (78%)


Magenta (14%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7398, 53.8084, 39.2323 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 32.7398, 53.8084, 39.2323 by changing the saturation by 10% instead.


 32.7398, 53.8084,
39.2323


 32.7398, 53.8084,
39.2323


306.1614,
401.3790, 358.3325


 22.0855, 38.4485,
26.6313


 63.3265, 95.7929,
75.2173


 14.0367, 26.3310,
17.0665


 83.9895, 123.1862,
99.4384


 8.2280, 17.0714,
10.1195


 108.7196,
155.3595, 128.3698

 4.2942, 10.2854,
5.3716

 137.8819,
192.6972, 162.4303

 1.8699, 5.5886,
2.4044

 171.8419,
235.5835, 202.0382

 0.5593, 2.5966,
0.7888

210.9649,

 0.0000, 0.9249,

284.4030, 247.6122

0.0000

255.6163,
339.5400, 299.5708

■ 0.0000, 0.0000,
0.0000

■ 32.7398, 53.8084,
39.2323

■ 32.7398, 53.8084,
39.2323

■ 31.0987, 53.0443,
35.5178

■ 34.9679, 54.8718,
43.2496

■ 29.9629, 52.5334,
32.0930

■ 37.8422, 56.2609,
47.5745

■ 29.5111, 52.3365,
30.4483

■ 41.4191, 58.0058,
52.2162

■ 45.7475, 60.1317,
57.1822

■ 50.8715, 62.6613,
62.4798

■ 56.8321, 65.6155,
68.1157

■ 63.6670, 69.0137,
74.0967

■ 71.4118, 72.8742,
80.4291

■ 80.0999, 77.2140,
87.1191

Harmonies

Analogous

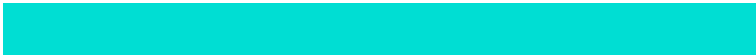
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.9560, 53.8084, 21.7717



32.7398, 53.8084, 39.2323



32.0028, 53.8084, 70.6381

Triad

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



32.7398, 53.8084, 39.2323



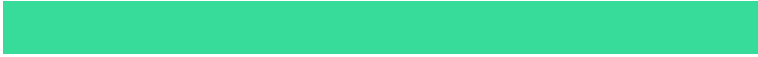
55.1938, 53.8084, 147.9223



70.4042, 53.8084, 26.0706

Complementary

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



32.7398, 53.8084, 39.2323



33.9716, 19.1497, 19.6772

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.



76.7063, 53.8084, 47.9931



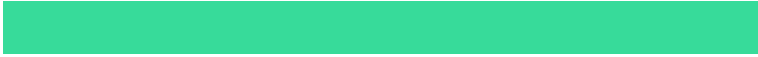
32.7398, 53.8084, 39.2323



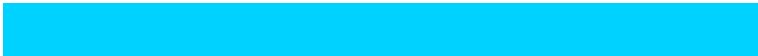
67.0778, 53.8084, 123.1732

Square

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



32.7398, 53.8084, 39.2323



43.8419, 53.8084, 142.6764



75.4037, 53.8084, 83.4480



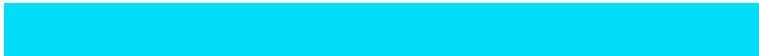
59.2134, 53.8084, 16.4348

Rectangle

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



32.7398, 53.8084, 39.2323



34.0106, 53.8084, 97.2819



75.4037, 53.8084, 83.4480



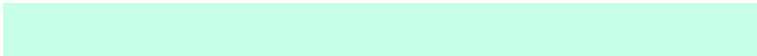
73.2367, 53.8084, 31.8155

Sweetspot

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



32.7412, 53.8105, 39.2335



73.9610, 89.5182, 90.2951



33.8521, 54.9773, 12.4426



15.3640, 18.9296, 18.8715



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.



32.7412, 53.8105, 39.2335



42.8775, 74.4147, 47.2428



35.6250, 48.4521, 74.4950



13.2149, 14.7376, 15.5948



17.5534, 31.0540, 18.3452



1.1792, 2.0286, 1.4097

Inverse Universe

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



33.9716, 19.1497, 19.6772



44.7778, 23.2486, 18.7921



32.1833, 19.8947, 5.7589



13.2687, 13.1366, 14.6764



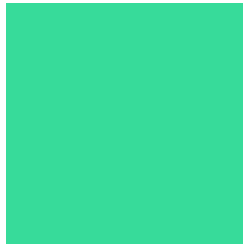
18.3879, 9.3562, 6.4228



1.2330, 0.6228, 0.6358

Previews

White Background



This preview shows how the XYZ color 32.7398, 53.8084, 39.2323 looks on a white background.

Color Contrast Check

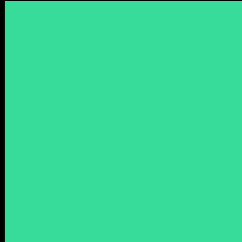
Large Text (above 18pt) WCAG AA × Fail

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 32.7398, 53.8084, 39.2323 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

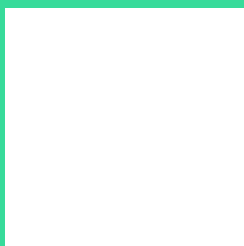
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7398, 53.8084, 39.2323

Background



This preview shows how black text looks on a background with the XYZ color 32.7398, 53.8084, 39.2323.



This preview shows how white text looks on a background with the XYZ color 32.7398, 53.8084,

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

32.7398, 53.8084, 39.2323

Protanopia

49.1857, 52.7741, 33.1852

Deuteranopia

53.6893, 52.6787, 41.5207



Tritanopia

41.0315, 53.7631, 80.8878

Trichromacy



Original Color

32.7398, 53.8084, 39.2323



Protanomaly

39.0713, 50.8957, 34.9587



Deuteranomaly

40.9222, 50.0128, 40.2975



Tritanomaly

37.2801, 53.3364, 62.9737

Monochromacy



Original Color

32.7398, 53.8084, 39.2323



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

31.5908, 40.6901, 39.4467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7398, 53.8084, 39.2323 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(55, 219, 154)` looks like.

```
.text, #text, p{  
    color:rgb(55, 219, 154)  
}
```

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(55, 219, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 219, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.7398, 53.8084, 39.2323 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(55, 219, 154) }
```


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

```
.border{ border-color:rgb(55, 219, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 219, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 219, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 219, 154);  
box-shadow:4px 4px 4px 4px rgb(55, 219,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7398, 53.8084, 39.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 219, 154) }
```

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

```
.background{ background-color: rgb(55, 219,  
154) }
```

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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