

Converting Colors

XYZ(39.2983, 51.0737, 32.2131)

Have a look what the booklet for
XYZ(39.2983, 51.0737, 32.2131)
contains.

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Color

**XYZ(39.2983, 51.0737,
32.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCA8B
RGB	155, 202, 139
RGB Percent	61%, 79%, 55%
CMY	0.3922, 0.2078, 0.4549
CMYK	0.23, 0.00, 0.31, 0.21
HSL	105°, 37%, 67%
HSV	105°, 31%, 79%
XYZ	39.2983, 51.0737, 32.2131
YIQ	180.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

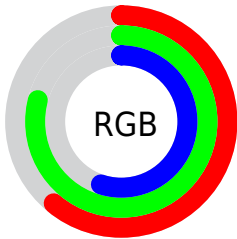
Format	Color
RYB	139, 202, 186
Decimal	10209931
CIELab	76.72, -27.18, 26.60
CIELCh	77, 38.032, 135.616
Yxy	51.0737, 0.3206, 0.4166
Android (android.graphics.Color)	4288400011 (0xFF9BCA8B)
YUV	180.7650, -20.5901, -22.5959
Hunter-Lab	71.4659, -26.9101, 23.3013

Details

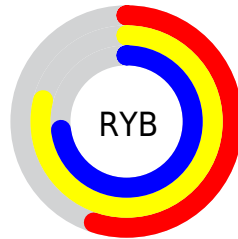
The XYZ color **39.2983, 51.0737, 32.2131** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1452, 33.1701, 60.1664**, and the grayscale version is **43.9058, 46.1924, 50.3035**.

A 20% lighter version of the original color is **71.9640, 89.0719, 63.8518**, and **17.8308, 24.7092, 13.0621** is the 20% darker color. If you saturate the color by 10%, you get **35.2428, 49.1396, 25.0178**, and if you desaturate by 10%, it is **43.9902, 53.3074, 40.8639**.

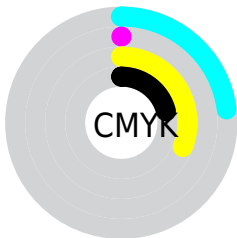
Distribution



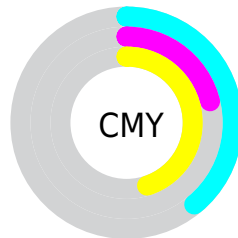
- Red (61%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2983, 51.0737, 32.2131 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 39.2983, 51.0737, 32.2131 by changing the saturation by 10% instead.


 39.2983, 51.0737,
32.2131


 39.2983, 51.0737,
32.2131


334.3424,
390.8501, 326.6114


 27.1736, 36.2673,
21.2582


 73.3850, 91.7637,
64.2468

 17.8409, 24.6407,
13.1198


 96.0777, 118.4161,
86.1626

 10.9348, 15.8096,
7.3794


 123.0237,
149.7859, 112.5692

 6.0900, 9.3895,
3.6184

154.5886,
186.2575, 143.8850

 2.9411, 4.9961,
1.4184

191.1375,
228.2153, 180.5285

 1.1227, 2.2450,
0.1560

233.0359,

 0.0440, 0.7443,

276.0437, 222.9185

0.0000

280.6491,
330.1272, 271.4732

■ 0.0000, 0.0000,
0.0000

■ 39.2983, 51.0737,
32.2131

■ 39.2983, 51.0737,
32.2131

■ 35.2428, 49.1396,
25.0178

■ 43.9902, 53.3074,
40.8639

■ 31.7916, 47.4857,
19.1947

■ 49.3410, 55.8461,
51.0406

■ 28.9152, 46.1004,
14.6576


■ 55.3770, 58.7035,
62.8131


■ 26.5804, 44.9684,
11.3086


■ 62.1216, 61.8901,
76.2458


■ 24.7499, 44.0732,
9.0362

■ 69.5975, 65.4164,
91.3998

 23.3811, 43.3955,
7.7076

 76.9764, 68.9522,
103.8598

 22.5018, 42.9547,
7.1051

 80.4116, 70.7231,
104.0205

Harmonies

Analogous

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



44.9083, 51.0737, 25.4758



39.2983, 51.0737, 32.2131



36.3196, 51.0737, 46.3225

Triad

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



39.2983, 51.0737, 32.2131



45.1822, 51.0737, 103.5947



63.1511, 51.0737, 45.5963

Complementary

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



39.2983, 51.0737, 32.2131



40.1452, 33.1701, 60.1664

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.



63.2431, 51.0737, 66.0639



39.2983, 51.0737, 32.2131



52.3709, 51.0737, 103.2605

Square

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



39.2983, 51.0737, 32.2131



39.4817, 51.0737, 89.0706



59.1368, 51.0737, 88.2467



58.8967, 51.0737, 31.7954

Rectangle

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



39.2983, 51.0737, 32.2131



36.0173, 51.0737, 59.5859



59.1368, 51.0737, 88.2467



63.6829, 51.0737, 51.8162

Sweetspot

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



39.2996, 51.0759, 32.2142



85.5515, 95.5050, 90.3064



46.4103, 49.2046, 31.4782



18.0026, 20.2956, 18.7320



0.0000, 0.0000, 0.0000



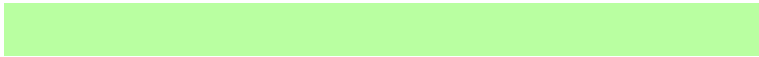
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2996, 51.0759, 32.2142



62.0756, 84.3466, 46.5654



37.5774, 50.0555, 38.1233



11.3306, 12.6723, 11.9283



14.5493, 27.6758, 4.5751



0.8227, 1.4649, 0.2394

Inverse Universe

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



40.1452, 33.1701, 60.1664



63.7020, 49.5833, 100.8208



42.5934, 34.6239, 51.6226



11.3986, 11.2548, 14.1420



15.1231, 7.0038, 36.5111



0.8476, 0.3961, 1.8867

Previews

White Background



This preview shows how the XYZ color 39.2983, 51.0737, 32.2131 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 39.2983, 51.0737, 32.2131 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 39.2983, 51.0737, 32.2131

Background



This preview shows how black text looks on a background with the XYZ color 39.2983, 51.0737, 32.2131.



This preview shows how white text looks on a background with the XYZ color 39.2983, 51.0737,

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

39.2983, 51.0737, 32.2131

Protanopia

47.3331, 50.9260, 29.5253

Deuteranopia

51.6821, 50.5910, 33.4266



Tritanopia

46.3045, 50.8504, 67.6962

Trichromacy



Original Color

39.2983, 51.0737, 32.2131

Protanomaly

43.9147, 50.7719, 30.4071

Deuteranomaly

46.3688, 50.3540, 32.8666

Tritanomaly

43.2919, 50.6219, 52.8367

Monochromacy



Original Color

39.2983, 51.0737, 32.2131

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.0938, 47.9190, 43.1071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2983, 51.0737, 32.2131 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(155, 202, 139)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 139)  
}
```

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(155, 202, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 139) }
```

Border

The CSS property to change the border of an element to XYZ 39.2983, 51.0737, 32.2131 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(155, 202, 139) }
```


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

```
.border{ border-color:rgb(155, 202, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 139);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2983, 51.0737, 32.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 139) }
```

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

```
.background{ background-color: rgb(155,  
202, 139) }
```

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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