

Converting Colors

XYZ(39.2750, 51.6109, 37.1747)

Have a look what the booklet for
XYZ(39.2750, 51.6109, 37.1747)
contains.

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Color

**XYZ(39.3915, 51.7160,
37.1842)**

Conversions

Conversions Part 1

Format	Color
Hex	94CC97
RGB	148, 204, 151
RGB Percent	58%, 80%, 59%
CMY	0.4196, 0.2000, 0.4078
CMYK	0.27, 0.00, 0.26, 0.20
HSL	123°, 35%, 69%
HSV	123°, 27%, 80%
XYZ	39.3915, 51.7160, 37.1842
YIQ	181.2140, -16.3630, -28.3550

Conversions

Conversions Part 2

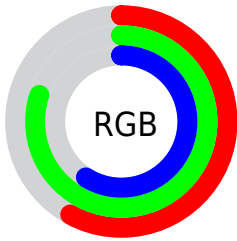
Format	Color
RYB	148, 201, 204
Decimal	9751703
CIELab	77.11, -28.55, 20.74
CIELCh	77, 35.291, 144.009
Yxy	51.7160, 0.3070, 0.4031
Android (android.graphics.Color)	4287941783 (0xFF94CC97)
YUV	181.2140, -14.8955, -29.1287
Hunter-Lab	71.9138, -28.0741, 19.6828

Details

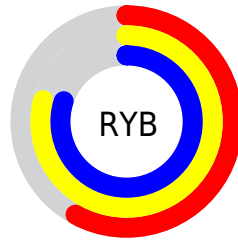
The XYZ color **39.3915, 51.7160, 37.1842** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.0361, 38.2353, 60.2142**, and the grayscale version is **44.1223, 46.4201, 50.5515**.

A 20% lighter version of the original color is **71.4080, 88.6243, 71.1002**, and **18.0305, 25.2196, 15.9742** is the 20% darker color. If you saturate the color by 10%, you get **34.5800, 49.4036, 29.4337**, and if you desaturate by 10%, it is **45.1129, 54.4707, 46.3199**.

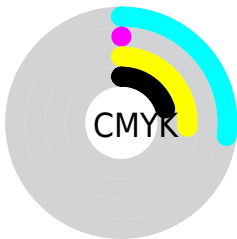
Distribution



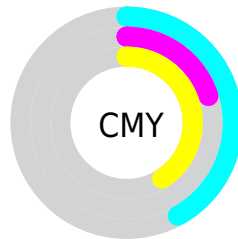
- Red (58%)
- Green (80%)
- Blue (59%)



- Red (58%)
- Yellow (79%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (42%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3915, 51.7160, 37.1842 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 39.3915, 51.7160, 37.1842 by changing the saturation by 10% instead.

■ 39.3915, 51.7160,
37.1842

■ 39.3915, 51.7160,
37.1842

334.7307,
393.3392, 349.3000

■ 27.2465, 36.7788,
25.0532

■ 73.5263, 92.7123,
72.0455

■ 17.8960, 25.0362,
15.8973

■ 96.2468, 119.5401,
95.6129

■ 10.9746, 16.1041,
9.2980

123.2231,
151.1002, 123.8295

■ 6.1169, 9.5978,
4.8366

154.8208,
187.7770, 157.1139

■ 2.9576, 5.1331,
2.0946

191.4050,
229.9549, 195.8846

■ 1.1314, 2.3256,
0.6126

233.3411,

■ 0.0511, 0.7872,

278.0183, 240.5602

0.0000

280.9946,
332.3516, 291.5591

■ 0.0000, 0.0000,
0.0000

■ 39.3915, 51.7160,
37.1842

■ 39.3915, 51.7160,
37.1842

■ 34.5800, 49.4036,
29.4337

■ 45.1129, 54.4707,
46.3199

■ 30.6276, 47.5045,
22.9976

■ 51.7834, 57.6822,
56.9002

■ 27.4850, 45.9961,
17.8041

■ 59.4448, 61.3723,
68.9850

■ 25.0960, 44.8513,
13.7730

■ 68.1353, 65.5594,
82.6301

■ 23.3974, 44.0393,
10.8149

■ 77.8910, 70.2610,
97.8882

■ 22.3154, 43.5244,
8.8274

■ 80.8839, 71.6678,
104.1780

■ 21.7514, 43.2583,
7.6877

■ 21.6539, 43.2118,
7.5140

Harmonies

Analogous

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



44.0650, 51.7160, 28.7426



39.3915, 51.7160, 37.1842



37.3532, 51.7160, 52.5222

Triad

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



39.3915, 51.7160, 37.1842



47.8135, 51.7160, 101.9073



61.9766, 51.7160, 42.5110

Complementary

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



39.3915, 51.7160, 37.1842



46.0361, 38.2353, 60.2142

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.



63.2115, 51.7160, 60.2756



39.3915, 51.7160, 37.1842



54.6216, 51.7160, 97.5020

Square

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



39.3915, 51.7160, 37.1842



41.9213, 51.7160, 92.0191



60.4105, 51.7160, 81.0744



57.1753, 51.7160, 31.2900

Rectangle

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



39.3915, 51.7160, 37.1842



37.6160, 51.7160, 65.7867



60.4105, 51.7160, 81.0744



62.8399, 51.7160, 47.7900

Sweetspot

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



39.3929, 51.7182, 37.1853



84.9848, 95.1525, 93.0104



51.0816, 57.7717, 36.4761



17.8110, 20.1839, 19.3078



0.0000, 0.0000, 0.0000



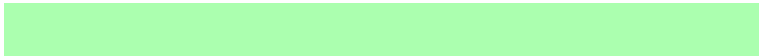
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3929, 51.7182, 37.1853



60.2951, 83.2704, 53.6376



41.9235, 52.7305, 50.5117



11.0920, 12.5465, 12.0419



13.6395, 27.2011, 4.7865



0.7124, 1.4068, 0.2928

Inverse Universe

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



46.0361, 38.2353, 60.2142



73.1070, 57.2621, 98.0460



43.0555, 37.0430, 44.5187



11.6606, 11.3930, 14.0132



21.7481, 10.5098, 32.7216



1.1301, 0.5454, 1.7309

Previews

White Background



This preview shows how the XYZ color 39.3915, 51.7160, 37.1842 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 39.3915, 51.7160, 37.1842 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

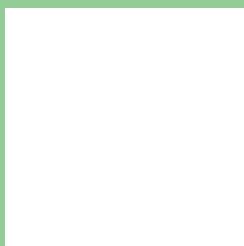
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3915, 51.7160, 37.1842

Background



This preview shows how black text looks on a background with the XYZ color 39.3915, 51.7160, 37.1842.



This preview shows how white text looks on a background with the XYZ color 39.3915, 51.7160,

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

39.3915, 51.7160, 37.1842

Protanopia

47.8602, 51.1053, 33.7274

Deuteranopia

52.2439, 51.0718, 38.5568



Tritanopia

45.9217, 51.6042, 69.8276

Trichromacy



Original Color

39.3915, 51.7160, 37.1842

Protanomaly

44.0867, 50.7574, 35.0773

Deuteranomaly

46.4943, 50.6293, 37.8938

Tritanomaly

43.2353, 51.5331, 56.3833

Monochromacy



Original Color

39.3915, 51.7160, 37.1842

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

41.8155, 47.7325, 45.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3915, 51.7160, 37.1842 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(148, 204, 151)` looks like.

```
.text, #text, p{  
    color:rgb(148, 204, 151)  
}
```

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(148, 204, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 204, 151) }
```

Border

The CSS property to change the border of an element to XYZ 39.3915, 51.7160, 37.1842 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(148, 204, 151) }
```


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

```
.border{ border-color:rgb(148, 204, 151) }
```

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

Here you see how a box with a 4 pixel rgb(148, 204, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 204, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 204, 151);  
box-shadow:4px 4px 4px 4px rgb(148, 204,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3915, 51.7160, 37.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 204, 151) }
```

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

```
.background{ background-color: rgb(148,  
204, 151) }
```

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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