

Converting Colors

XYZ(39.0246, 47.8813, 44.8895)

Have a look what the booklet for
XYZ(39.0246, 47.8813, 44.8895)
contains.

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Color

**XYZ(39.0309, 47.9322,
44.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	96C2A9
RGB	150, 194, 169
RGB Percent	59%, 76%, 66%
CMY	0.4118, 0.2392, 0.3372
CMYK	0.23, 0.00, 0.13, 0.24
HSL	146°, 27%, 67%
HSV	146°, 23%, 76%
XYZ	39.0309, 47.9322, 44.7308
YIQ	177.9940, -18.1990, -17.1030

Conversions

Conversions Part 2

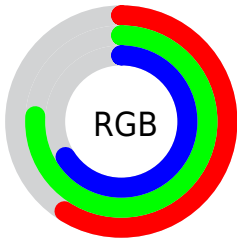
Format	Color
R_{YB}	150, 181, 194
Decimal	9880233
CIE _{Lab}	74.78, -19.66, 7.84
CIE _{LCh}	75, 21.166, 158.249
Yxy	47.9322, 0.2964, 0.3640
Android (android.graphics.Color)	4288070313 (0xFF96C2A9)
YUV	177.9940, -4.4340, -24.5507
Hunter-Lab	69.2331, -20.5266, 10.1565

Details

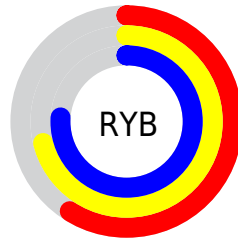
The XYZ color **39.0309, 47.9322, 44.7308** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8940, 36.3783, 45.4259**, and the grayscale version is **42.3444, 44.5496, 48.5145**.

A 20% lighter version of the original color is **73.1286, 87.3553, 83.5280**, and **17.6260, 22.6372, 20.2700** is the 20% darker color. If you saturate the color by 10%, you get **34.7608, 45.8468, 39.3551**, and if you desaturate by 10%, it is **43.9820, 50.3612, 50.5959**.

Distribution



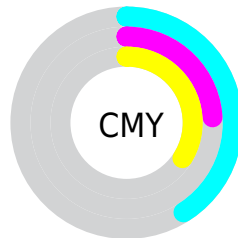
- Red (59%)
- Green (76%)
- Blue (66%)



- Red (59%)
- Yellow (71%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0309, 47.9322, 44.7308 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 39.0309, 47.9322, 44.7308 by changing the saturation by 10% instead.


 39.0309, 47.9322,
44.7308


 39.0309, 47.9322,
44.7308


333.2267,
378.5233, 381.8105

 26.9646, 33.7732,
30.9040


 72.9793, 87.1034,
83.6305

 17.6831, 22.7194,
20.2679


 95.5921, 112.8845,
109.5404

 10.8210, 14.3865,
12.4039


122.4511,
143.3083, 140.3152

 6.0130, 8.3899,
6.8935

153.9217,
178.7594, 176.3734

 2.8937, 4.3455,
3.3182

190.3692,
219.6220, 218.1335

 1.0978, 1.8686,
1.2593

232.1589,

 0.0233, 0.5294,

266.2806, 266.0140

0.0281

279.6564,
319.1196, 320.4335

■ 0.0000, 0.0000,
0.0000

■ 39.0309, 47.9322,
44.7308

■ 39.0309, 47.9322,
44.7308

■ 34.7608, 45.8468,
39.3551

■ 43.9820, 50.3612,
50.5959

■ 31.1364, 44.0831,
34.4529

■ 49.6392, 53.1427,
56.9594

■ 28.1254, 42.6261,
30.0122

■ 56.0313, 56.2924,
63.8341

■ 25.6909, 41.4569,
26.0191

■ 63.1842, 59.8235,
71.2311

■ 23.7915, 40.5545,
22.4589

■ 71.1224, 63.7485,
79.1616

■ 22.3804, 39.8952,
19.3163

■ 75.5487, 65.8518,
87.4338

■ 21.4016, 39.4502,
16.5747

■ 77.1927, 66.5094,
96.0912

■ 20.8839, 39.2219,
14.8102

■ 78.5827, 67.0654,
103.4109

Harmonies

Analogous

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



41.1329, 47.9322, 37.2661



39.0309, 47.9322, 44.7308



38.6265, 47.9322, 55.2871

Triad

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



39.0309, 47.9322, 44.7308



46.6271, 47.9322, 76.0724



51.6139, 47.9322, 40.1493

Complementary

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



39.0309, 47.9322, 44.7308



40.8940, 36.3783, 45.4259

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.



53.2730, 47.9322, 49.2108



39.0309, 47.9322, 44.7308



50.2898, 47.9322, 70.6454

Square

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



39.0309, 47.9322, 44.7308



42.8731, 47.9322, 74.4282



52.7753, 47.9322, 60.4355



48.3529, 47.9322, 34.8916

Rectangle

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



39.0309, 47.9322, 44.7308



39.3512, 47.9322, 62.8660



52.7753, 47.9322, 60.4355



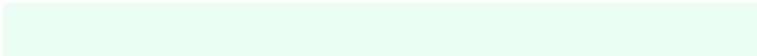
52.3856, 47.9322, 42.7967

Sweetspot

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



39.0322, 47.9342, 44.7319



85.2283, 93.9637, 97.9716



42.6277, 49.9791, 36.2550



18.5252, 20.5088, 21.2986



0.0000, 0.0000, 0.0000



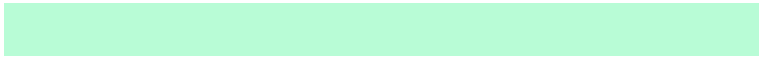
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0322, 47.9342, 44.7319



66.8901, 84.9706, 76.3066



41.2018, 48.8020, 56.1568



10.1210, 11.3294, 11.6403



13.7694, 25.8018, 9.9448



0.6294, 1.1286, 0.6114

Inverse Universe

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



40.8940, 36.3783, 45.4259



70.8303, 60.5092, 77.7713



38.9609, 35.6051, 35.2462



10.3076, 10.1716, 11.7101



16.5280, 8.3010, 10.6926



0.7482, 0.3723, 0.6412

Previews

White Background



This preview shows how the XYZ color 39.0309, 47.9322, 44.7308 looks on a white background.

Color Contrast Check

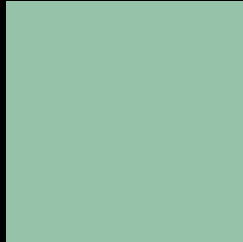
Large Text (above 18pt) WCAG AA × Fail

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 39.0309, 47.9322, 44.7308 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

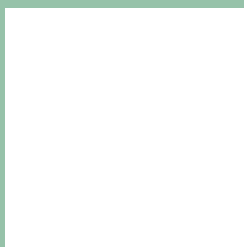
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0309, 47.9322, 44.7308

Background



This preview shows how black text looks on a background with the XYZ color 39.0309, 47.9322, 44.7308.



This preview shows how white text looks on a background with the XYZ color 39.0309, 47.9322,

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

39.0309, 47.9322, 44.7308

Protanopia

45.0302, 47.5877, 41.4623

Deuteranopia

48.3454, 47.4020, 45.6311



Tritanopia

43.0013, 47.9229, 64.1104

Trichromacy



Original Color

39.0309, 47.9322, 44.7308

Protanomaly

42.4664, 47.4874, 42.5251

Deuteranomaly

44.2918, 47.1215, 45.2890

Tritanomaly

41.3612, 47.8932, 56.3546

Monochromacy



Original Color

39.0309, 47.9322, 44.7308

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0268, 45.7010, 47.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0309, 47.9322, 44.7308 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(150, 194, 169)` looks like.

```
.text, #text, p{  
    color:rgb(150, 194, 169)  
}
```

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(150, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 194, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.0309, 47.9322, 44.7308 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(150, 194, 169) }
```


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

```
.border{ border-color:rgb(150, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 194, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 194, 169);  
box-shadow:4px 4px 4px 4px rgb(150, 194,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0309, 47.9322, 44.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 194, 169) }
```

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

```
.background{ background-color: rgb(150,  
194, 169) }
```

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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