

Converting Colors

XYZ(39.0932, 48.2098, 37.6587)

Have a look what the booklet for
XYZ(39.0932, 48.2098, 37.6587)
contains.

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Color

**XYZ(39.0291, 48.0848,
37.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC29A
RGB	157, 194, 154
RGB Percent	62%, 76%, 60%
CMY	0.3843, 0.2392, 0.3961
CMYK	0.19, 0.00, 0.21, 0.24
HSL	116°, 25%, 68%
HSV	116°, 21%, 76%
XYZ	39.0291, 48.0848, 37.7961
YIQ	178.3770, -9.2120, -20.2840

Conversions

Conversions Part 2

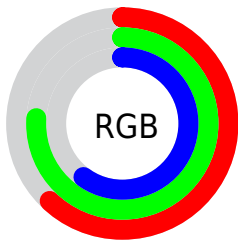
Format	Color
RYB	154, 194, 191
Decimal	10338970
CIELab	74.88, -20.08, 16.13
CIELCh	75, 25.754, 141.228
Yxy	48.0848, 0.3125, 0.3850
Android (android.graphics.Color)	4288529050 (0xFF9DC29A)
YUV	178.3770, -12.0179, -18.7476
Hunter-Lab	69.3432, -20.8837, 16.2237

Details

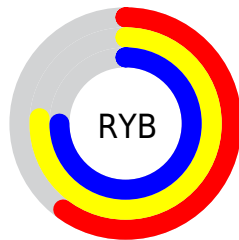
The XYZ color **39.0291, 48.0848, 37.7961** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.7812, 38.0841, 56.1377**, and the grayscale version is **42.5829, 44.8005, 48.7877**.

A 20% lighter version of the original color is **73.0337, 87.5455, 72.7232**, and **17.6520, 22.7387, 16.2906** is the 20% darker color. If you saturate the color by 10%, you get **34.2945, 45.8173, 29.8109**, and if you desaturate by 10%, it is **44.5418, 50.7261, 47.1830**.

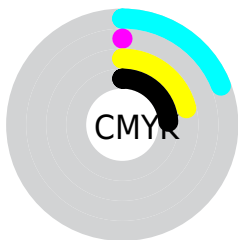
Distribution



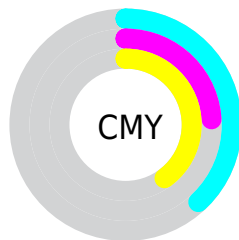
- Red (62%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)





- Cyan (38%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0291, 48.0848, 37.7961 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 39.0291, 48.0848, 37.7961 by changing the saturation by 10% instead.

 39.0291, 48.0848,
37.7961


 39.0291, 48.0848,
37.7961


333.2192,
379.1282, 352.0164

 26.9632, 33.8940,
25.5239


 72.9766, 87.3306,
72.9955

 17.6820, 22.8122,
16.2452


 95.5888, 113.1545,
96.7597

 10.8202, 14.4549,
9.5416


122.4472,
143.6249, 125.1916

 6.0125, 8.4377,
4.9945

153.9172,
179.1262, 158.7099

 2.8934, 4.3763,
2.1854

190.3640,
220.0428, 197.7329

 1.0976, 1.8862,
0.6659

232.1530,

 0.0231, 0.5401,

266.7590, 242.6793

0.0000

279.6497,
319.6594, 293.9676

■ 0.0000, 0.0000,
0.0000

■ 39.0291, 48.0848,
37.7961

■ 39.0291, 48.0848,
37.7961

■ 34.2945, 45.8173,
29.8109

■ 44.5418, 50.7261,
47.1830

■ 30.2992, 43.9008,
23.1571

■ 50.8614, 53.7504,
58.0309

■ 27.0071, 42.3196,
17.7633

■ 58.0199, 57.1743,
70.3995

■ 24.3772, 41.0544,
13.5501

■ 66.0465, 61.0119,
84.3444

■ 22.3646, 40.0838,
10.4290

■ 74.9689, 65.2761,
99.9183

■ 20.9185, 39.3840,
8.2993

■ 78.5828, 67.0655,
103.4109

■ 19.9801, 38.9271,
7.0414

■ 19.4824, 38.6833,
6.4398

Harmonies

Analogous

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



42.5162, 48.0848, 31.7898



39.0291, 48.0848, 37.7961



37.3604, 48.0848, 48.5170

Triad

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



39.0291, 48.0848, 37.7961



44.3422, 48.0848, 82.2404



54.6315, 48.0848, 43.5535

Complementary

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



39.0291, 48.0848, 37.7961



42.7812, 38.0841, 56.1377

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.



55.2037, 48.0848, 56.3927



39.0291, 48.0848, 37.7961



49.0455, 48.0848, 80.2968

Square

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



39.0291, 48.0848, 37.7961



40.2873, 48.0848, 75.1739



53.0977, 48.0848, 70.2444



51.5838, 48.0848, 34.6972

Rectangle

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



39.0291, 48.0848, 37.7961



37.4191, 48.0848, 57.5459



53.0977, 48.0848, 70.2444



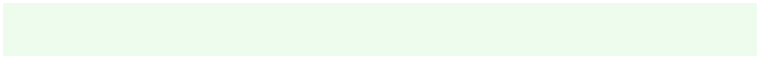
55.1276, 48.0848, 47.4883

Sweetspot

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



39.0304, 48.0869, 37.7972



85.6896, 94.2891, 94.0364



46.6413, 50.9213, 37.9431



18.5997, 20.5692, 20.3092



0.0000, 0.0000, 0.0000



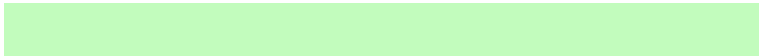
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0304, 48.0869, 37.7972



66.4397, 85.0710, 61.2550



39.9387, 48.3834, 45.5971



10.0128, 11.2941, 10.7141



12.8360, 25.4461, 4.2351



0.5791, 1.1121, 0.1841

Inverse Universe

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



42.7812, 38.0841, 56.1377



74.5241, 63.5025, 100.7991



41.7746, 37.7694, 46.8596



10.4204, 10.2079, 12.7059



18.7250, 8.9135, 34.2902



0.8317, 0.3968, 1.4826

Previews

White Background



This preview shows how the XYZ color 39.0291, 48.0848, 37.7961 looks on a white background.

Color Contrast Check

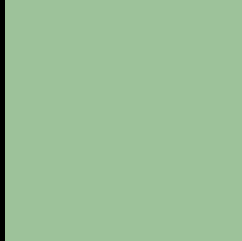
Large Text (above 18pt) WCAG AA × Fail

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 39.0291, 48.0848, 37.7961 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 39.0291, 48.0848, 37.7961

Background



This preview shows how black text looks on a background with the XYZ color 39.0291, 48.0848, 37.7961.



This preview shows how white text looks on a background with the XYZ color 39.0291, 48.0848,

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

39.0291, 48.0848, 37.7961

Protanopia

44.8640, 47.6390, 35.2644

Deuteranopia

48.7577, 47.7618, 38.9969



Tritanopia

43.9480, 47.8042, 62.7879

Trichromacy



Original Color

39.0291, 48.0848, 37.7961

Protanomaly

42.4123, 47.5988, 36.2303

Deuteranomaly

44.5051, 47.3777, 38.6974

Tritanomaly

42.0707, 48.0111, 52.9486

Monochromacy



Original Color

39.0291, 48.0848, 37.7961

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.8795, 45.6916, 44.2009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0291, 48.0848, 37.7961 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(157, 194, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 194, 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(157, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 194, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.0291, 48.0848, 37.7961 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(157, 194, 154) }
```


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

```
.border{ border-color:rgb(157, 194, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 194, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 194, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 194, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 194,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0291, 48.0848, 37.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 194, 154) }
```

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

```
.background{ background-color: rgb(157,  
194, 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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