

Converting Colors

XYZ(39.2830, 49.5025, 42.3221)

Have a look what the booklet for
XYZ(39.2830, 49.5025, 42.3221)
contains.

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Color

**XYZ(39.1994, 49.4221,
42.1237)**

Conversions

Conversions Part 1

Format	Color
Hex	95C6A3
RGB	149, 198, 163
RGB Percent	58%, 78%, 64%
CMY	0.4157, 0.2235, 0.3608
CMYK	0.25, 0.00, 0.18, 0.22
HSL	137°, 30%, 68%
HSV	137°, 25%, 78%
XYZ	39.1994, 49.4221, 42.1237
YIQ	179.3590, -17.9690, -21.2730

Conversions

Conversions Part 2

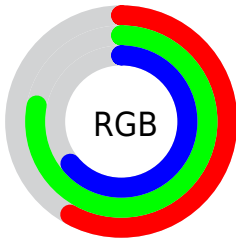
Format	Color
RYB	149, 187, 198
Decimal	9815715
CIELab	75.71, -23.14, 12.40
CIELCh	76, 26.249, 151.822
Yxy	49.4221, 0.2998, 0.3780
Android (android.graphics.Color)	4288005795 (0xFF95C6A3)
YUV	179.3590, -8.0650, -26.6248
Hunter-Lab	70.3009, -23.4958, 13.6845

Details

The XYZ color **39.1994, 49.4221, 42.1237** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.6896, 36.9626, 50.2341**, and the grayscale version is **43.0890, 45.3329, 49.3676**.

A 20% lighter version of the original color is **73.3167, 89.4193, 79.7251**, and **17.7723, 23.6356, 18.6644** is the 20% darker color. If you saturate the color by 10%, you get **34.6924, 47.2384, 35.6639**, and if you desaturate by 10%, it is **44.4650, 51.9833, 49.3610**.

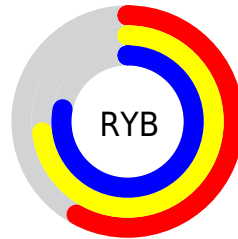
Distribution



Red (58%)

Green (78%)

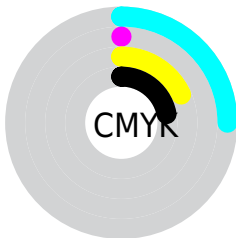
Blue (64%)



Red (58%)

Yellow (73%)

Blue (78%)

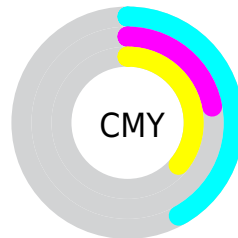


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (22%)



Cyan (42%)


Magenta (22%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1994, 49.4221, 42.1237 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 39.1994, 49.4221, 42.1237 by changing the saturation by 10% instead.

 39.1994, 49.4221,
42.1237


 39.1994, 49.4221,
42.1237


333.9301,
384.4017, 370.8102

 27.0963, 34.9544,
28.8719


 73.2350, 89.3180,
79.6589

 17.7825, 23.6278,
18.7392

 95.8981, 115.5151,
104.7794

 10.8927, 15.0577,
11.3071


122.8120,
146.3908, 134.6931

 6.0615, 8.8599,
6.1570

154.3420,
182.3294, 169.8187

 2.9235, 4.6499,
2.8705

190.8535,
223.7154, 210.5747

 1.1134, 2.0434,
1.0289

232.7117,

 0.0363, 0.6325,

270.9332, 257.3796

0.0000

280.2822,
324.3672, 310.6519

■ 0.0000, 0.0000,
0.0000

■ 39.1994, 49.4221,
42.1237

■ 39.1994, 49.4221,
42.1237

■ 34.6924, 47.2384,
35.6639

■ 44.4650, 51.9833,
49.3610

■ 30.9042, 45.4080,
29.9523

■ 50.5185, 54.9324,
57.3972

■ 27.7977, 43.9137,
24.9627

■ 57.3925, 58.2871,
66.2569

■ 25.3302, 42.7343,
20.6661

■ 65.1165, 62.0621,
75.9628

■ 23.4546, 41.8459,
17.0314

■ 73.7186, 66.2715,
86.5365

■ 22.1165, 41.2212,
14.0251

■ 78.3569, 68.4188,
97.7711

■ 21.2506, 40.8273,
11.6106

■ 79.4850, 68.8701,
103.7117

■ 20.9229, 40.6812,
10.5644

Harmonies

Analogous

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



42.2111, 49.4221, 34.1027



39.1994, 49.4221, 42.1237



38.2287, 49.4221, 54.6686

Triad

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



39.1994, 49.4221, 42.1237



47.2723, 49.4221, 85.2867



55.3820, 49.4221, 40.8829

Complementary

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



39.1994, 49.4221, 42.1237



42.6896, 36.9626, 50.2341

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.



56.9611, 49.4221, 52.9649



39.1994, 49.4221, 42.1237



52.0828, 49.4221, 79.9452

Square

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



39.1994, 49.4221, 42.1237



42.6927, 49.4221, 81.0595



55.7146, 49.4221, 67.4848



51.5328, 49.4221, 33.4780

Rectangle

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



39.1994, 49.4221, 42.1237



38.8120, 49.4221, 64.4010



55.7146, 49.4221, 67.4848



56.2074, 49.4221, 44.4529

Sweetspot

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



39.2007, 49.4242, 42.1248



86.7997, 95.9762, 98.1516



45.4159, 52.7652, 36.2254



18.4338, 20.4722, 20.8175



0.0000, 0.0000, 0.0000



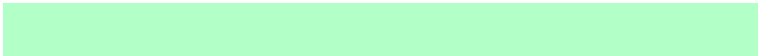
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2007, 49.4242, 42.1248



64.7020, 85.2310, 67.9031



41.6009, 50.3842, 54.7637



10.6200, 11.9369, 11.9491



13.6383, 26.4677, 7.0399



0.6777, 1.2660, 0.5015

Inverse Universe

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



42.6896, 36.9626, 50.2341



71.9886, 59.1916, 84.8295



40.3493, 36.0264, 37.9103



10.9489, 10.7629, 12.7142



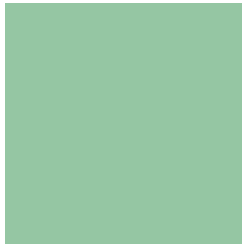
18.3311, 9.0820, 17.4853



0.8980, 0.4421, 0.9863

Previews

White Background



This preview shows how the XYZ color 39.1994, 49.4221, 42.1237 looks on a white background.

Color Contrast Check

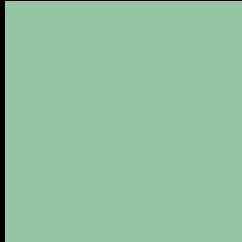
Large Text (above 18pt) WCAG AA × Fail

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 39.1994, 49.4221, 42.1237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

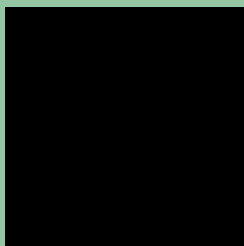
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

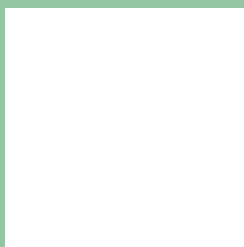
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1994, 49.4221, 42.1237

Background



This preview shows how black text looks on a background with the XYZ color 39.1994, 49.4221, 42.1237.



This preview shows how white text looks on a background with the XYZ color 39.1994, 49.4221,

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

39.1994, 49.4221, 42.1237

Protanopia

46.4097, 49.2879, 38.9658

Deuteranopia

49.9591, 48.8791, 43.3607



Tritanopia

44.0167, 49.3724, 66.2414

Trichromacy



Original Color

39.1994, 49.4221, 42.1237

Protanomaly

43.2619, 48.9138, 39.9621

Deuteranomaly

45.1809, 48.5624, 43.0686

Tritanomaly

42.0222, 49.2152, 56.5749

Monochromacy



Original Color

39.1994, 49.4221, 42.1237

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.2502, 46.4598, 46.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1994, 49.4221, 42.1237 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(149, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 163)  
}
```

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(149, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 163) }
```

Border

The CSS property to change the border of an element to XYZ 39.1994, 49.4221, 42.1237 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(149, 198, 163) }
```


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

```
.border{ border-color:rgb(149, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1994, 49.4221, 42.1237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 163) }
```

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

```
.background{ background-color: rgb(149,  
198, 163) }
```

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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