

Converting Colors

XYZ(41.1211, 49.1666, 39.3632)

Have a look what the booklet for
XYZ(41.1211, 49.1666, 39.3632)
contains.

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Color

**XYZ(41.1035, 49.1249,
39.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C29D
RGB	166, 194, 157
RGB Percent	65%, 76%, 62%
CMY	0.3490, 0.2392, 0.3843
CMYK	0.14, 0.00, 0.19, 0.24
HSL	105°, 23%, 69%
HSV	105°, 19%, 76%
XYZ	41.1035, 49.1249, 39.2140
YIQ	181.4100, -4.8110, -17.4430

Conversions

Conversions Part 2

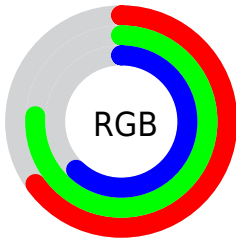
Format	Color
RYB	157, 194, 185
Decimal	10928797
CIELab	75.53, -16.41, 15.51
CIELCh	76, 22.584, 136.613
Yxy	49.1249, 0.3175, 0.3795
Android (android.graphics.Color)	4289118877 (0xFFA6C29D)
YUV	181.4100, -12.0341, -13.5146
Hunter-Lab	70.0892, -17.9754, 15.8904

Details

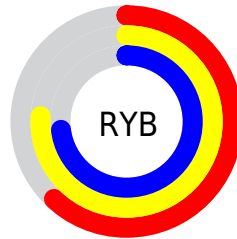
The XYZ color **41.1035, 49.1249, 39.2140** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.8042, 38.3247, 56.2356**, and the grayscale version is **44.2091, 46.5114, 50.6509**.

A 20% lighter version of the original color is **76.1996, 89.1200, 75.4731**, and **18.9190, 23.3742, 17.1502** is the 20% darker color. If you saturate the color by 10%, you get **36.6731, 47.0188, 31.0364**, and if you desaturate by 10%, it is **46.1509, 51.5216, 48.7955**.

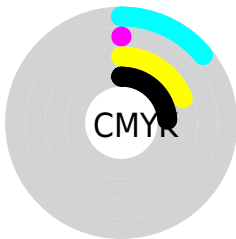
Distribution



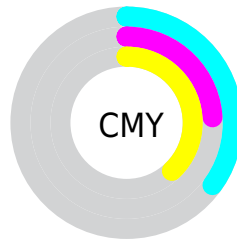
- Red (65%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (35%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1035, 49.1249, 39.2140 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 41.1035, 49.1249, 39.2140 by changing the saturation by 10% instead.

■ 41.1035, 49.1249,
39.2140

■ 41.1035, 49.1249,
39.2140

341.8082,
383.2338, 358.2526

■ 28.5880, 34.7186,
26.6171

■ 76.1147, 88.8769,
75.1891

■ 18.9121, 23.4462,
17.0560

■ 99.3411, 114.9914,
99.4043

■ 11.7104, 14.9233,
10.1120

126.8685,
145.7774, 128.3295

■ 6.6176, 8.7656,
5.3667

159.0623,
181.6193, 162.3831

■ 3.2683, 4.5886,
2.4015

196.2878,
222.9015, 201.9837

■ 1.2972, 2.0080,
0.7873

238.9104,

■ 0.1811, 0.6121,

270.0084, 247.5497

0.0000

287.2954,
323.3244, 299.4999

■ 0.0000, 0.0000,
0.0000

■ 41.1035, 49.1249,
39.2140

■ 41.1035, 49.1249,
39.2140

■ 36.6731, 47.0188,
31.0364

■ 46.1509, 51.5216,
48.7955

■ 32.8318, 45.1860,
24.1935

■ 51.8343, 54.2129,
59.8390

■ 29.5550, 43.6168,
18.6156

■ 58.1765, 57.2109,
72.4034

■ 26.8149, 42.2986,
14.2249

■ 65.1980, 60.5249,
86.5434

■ 24.5812, 41.2176,
10.9351

■ 72.9186, 64.1640,
102.3109

■ 22.8204, 40.3587,
8.6486

■ 78.2502, 66.8941,
103.3954

■ 21.4943, 39.7046,
7.2501

■ 78.5828, 67.0655,
103.4109

■ 20.5473, 39.2312,
6.5411

■ 20.4735, 39.1942,
6.4862

Harmonies

Analogous

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



44.4365, 49.1249, 34.3628



41.1035, 49.1249, 39.2140



39.3175, 49.1249, 48.3462

Triad

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



41.1035, 49.1249, 39.2140



44.8598, 49.1249, 79.0836



54.8047, 49.1249, 47.1879

Complementary

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



41.1035, 49.1249, 39.2140



41.8042, 38.3247, 56.2356

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.



54.9348, 49.1249, 58.9835



41.1035, 49.1249, 39.2140



49.0221, 49.1249, 78.6500

Square

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



41.1035, 49.1249, 39.2140



41.3975, 49.1249, 71.9735



52.7648, 49.1249, 70.8648



52.4192, 49.1249, 38.4752

Rectangle

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



41.1035, 49.1249, 39.2140



39.1710, 49.1249, 56.1773



52.7648, 49.1249, 70.8648



55.1184, 49.1249, 50.8872

Sweetspot

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



41.1048, 49.1270, 39.2151



86.5534, 94.7344, 94.0768



45.6327, 48.4993, 38.8553



18.8080, 20.6765, 20.3189



0.0000, 0.0000, 0.0000



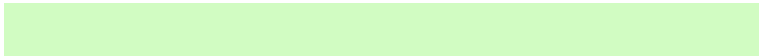
20.3446, 21.4041, 23.3091

Same Dimension

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



41.1048, 49.1270, 39.2151



70.8884, 87.2999, 64.3812



40.1038, 48.5163, 43.4488



10.1688, 11.3745, 10.7214



13.5232, 25.8003, 4.2672



0.6489, 1.1481, 0.1874

Inverse Universe

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



41.8042, 38.3247, 56.2356



72.3904, 64.0468, 101.0167



43.0375, 39.0768, 51.0370



10.2502, 10.1202, 12.6980



14.3687, 6.6678, 34.0863



0.6797, 0.3184, 1.4755

Previews

White Background



This preview shows how the XYZ color 41.1035, 49.1249, 39.2140 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 41.1035, 49.1249, 39.2140 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

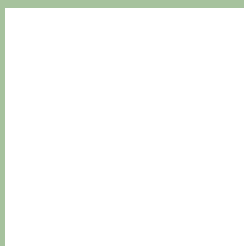
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1035, 49.1249, 39.2140

Background



This preview shows how black text looks on a background with the XYZ color 41.1035, 49.1249, 39.2140.



This preview shows how white text looks on a background with the XYZ color 41.1035, 49.1249,

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

41.1035, 49.1249, 39.2140

Protanopia

45.8637, 48.7336, 37.1262

Deuteranopia

49.9058, 48.9244, 40.0707



Tritanopia

45.9963, 49.1625, 63.5650

Trichromacy



Original Color

41.1035, 49.1249, 39.2140

Protanomaly

43.8235, 48.6138, 37.6455

Deuteranomaly

46.1634, 48.5199, 39.7331

Tritanomaly

43.8539, 48.9181, 53.5852

Monochromacy



Original Color

41.1035, 49.1249, 39.2140

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.9098, 47.3265, 45.9031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1035, 49.1249, 39.2140 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(166, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 194, 157)  
}
```

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(166, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 194, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.1035, 49.1249, 39.2140 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(166, 194, 157) }
```


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

```
.border{ border-color:rgb(166, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 194,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1035, 49.1249, 39.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 194, 157) }
```

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

```
.background{ background-color: rgb(166,  
194, 157) }
```

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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