

Converting Colors

XYZ(39.8335, 42.9609, 49.9673)

Have a look what the booklet for
XYZ(39.8335, 42.9609, 49.9673)
contains.

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Color

**XYZ(39.7885, 42.8875,
49.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B1B5
RGB	166, 177, 181
RGB Percent	65%, 69%, 71%
CMY	0.3490, 0.3059, 0.2902
CMYK	0.08, 0.02, 0.00, 0.29
HSL	196°, 9%, 68%
HSV	196°, 8%, 71%
XYZ	39.7885, 42.8875, 49.8971
YIQ	174.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

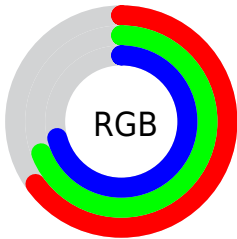
Format	Color
R _Y B	166, 172, 181
Decimal	10924469
CIE Lab	71.48, -3.03, -3.37
CIE LCh	71, 4.531, 228.036
Yxy	42.8875, 0.3001, 0.3235
Android (android.graphics.Color)	4289114549 (0xFFA6B1B5)
YUV	174.1670, 3.3687, -7.1625
Hunter-Lab	65.4885, -6.1547, 0.6677

Details

The XYZ color **39.7885, 42.8875, 49.8971** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3138, 41.3260, 41.9290**, and the grayscale version is **40.3051, 42.4041, 46.1780**.

A 20% lighter version of the original color is **74.2438, 79.7644, 91.6038**, and **18.0434, 19.5512, 23.2449** is the 20% darker color. If you saturate the color by 10%, you get **35.3225, 39.1969, 49.4208**, and if you desaturate by 10%, it is **44.8247, 46.9243, 50.4115**.

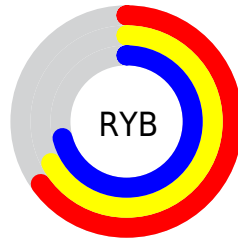
Distribution



Red (65%)

Green (69%)

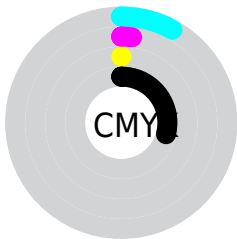
Blue (71%)



Red (65%)

Yellow (67%)

Blue (71%)

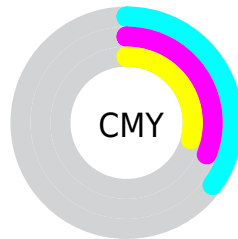


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7885, 42.8875, 49.8971 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 39.7885, 42.8875, 49.8971 by changing the saturation by 10% instead.

■ 39.7885, 42.8875,
49.8971

■ 39.7885, 42.8875,
49.8971

336.3811,
358.1489, 402.9869

■ 27.5572, 29.7969,
34.9610

■ 74.1277, 79.5411,
91.4171

■ 18.1308, 19.6844,
23.3495

■ 96.9663, 103.8728,
118.8382

■ 11.1442, 12.1659,
14.6441

124.0714,
132.7203, 151.2580

■ 6.2319, 6.8568,
8.4262

155.8083,
166.4680, 189.0950

■ 3.0286, 3.3727,
4.2772

192.5423,
205.5004, 232.7679

■ 1.1689, 1.3293,
1.7786

234.6389,

■ 0.0816, 0.1637,

250.2017, 282.6952

0.4138

282.4634,
300.9564, 339.2953

■ 0.0000, 0.0000,
0.0000

■ 39.7885, 42.8875,
49.8971

■ 39.7885, 42.8875,
49.8971

■ 35.3225, 39.1969,
49.4208

■ 44.8247, 46.9243,
50.4115

■ 31.4004, 35.8351,
48.9786

■ 50.4486, 51.3135,
50.9623

■ 27.9994, 32.7908,
48.5703

■ 56.6815, 56.0676,
51.5514

■ 25.0936, 30.0503,
48.1944

■ 63.5425, 61.1969,
52.1799

■ 22.6545, 27.5983,
47.8497

■ 70.4953, 66.4255,
52.8226

■ 20.6510, 25.4182,
47.5345

■ 71.6382, 68.7115,
53.2036

■ 19.0476, 23.4911,
47.2471

■ 72.8169, 71.0688,
53.5965

■ 17.8028, 21.7952,
46.9853

■ 74.0314, 73.4979,
54.0014

■ 16.8487, 20.2949,
46.7460

■ 75.2823, 75.9996,
54.4183

Harmonies

Analogous

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



39.3818, 42.8875, 48.0124



39.7885, 42.8875, 49.8971



40.4594, 42.8875, 50.9367

Triad

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



39.7885, 42.8875, 49.8971



42.2179, 42.8875, 47.5751



40.3100, 42.8875, 42.8085

Complementary

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



39.7885, 42.8875, 49.8971



40.3138, 41.3260, 41.9290

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.



41.0687, 42.8875, 42.6997



39.7885, 42.8875, 49.8971



42.1767, 42.8875, 45.4062

Square

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



39.7885, 42.8875, 49.8971



41.8658, 42.8875, 49.5684



41.7539, 42.8875, 43.6371



39.6803, 42.8875, 43.9391

Rectangle

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



39.7885, 42.8875, 49.8971



40.9691, 42.8875, 50.9898



41.7539, 42.8875, 43.6371



40.5582, 42.8875, 42.6525

Sweetspot

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



39.7897, 42.8893, 49.8980



76.7793, 81.2589, 89.9324



39.4825, 44.0483, 44.3282



16.6162, 17.5801, 19.4398



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.7897, 42.8893, 49.8980



69.6811, 75.5234, 89.1995



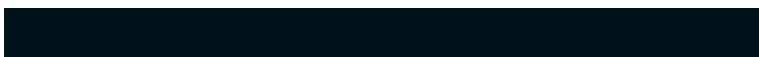
38.3949, 40.0997, 49.4331



8.5473, 9.2408, 10.8395



11.5693, 13.9390, 32.2177



0.4088, 0.5282, 1.0286

Inverse Universe

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



40.6290, 40.2713, 47.2289



71.5101, 69.8731, 83.3706



41.7112, 44.1208, 42.3948



8.7514, 8.6073, 10.1895



16.0743, 7.9473, 16.0832



0.5284, 0.2591, 0.6251

Previews

White Background



This preview shows how the XYZ color 39.7885, 42.8875, 49.8971 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 39.7885, 42.8875, 49.8971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

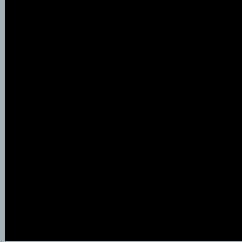
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

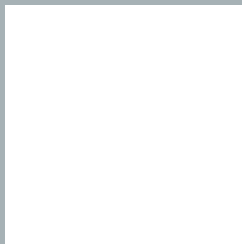
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7885, 42.8875, 49.8971

Background



This preview shows how black text looks on a background with the XYZ color 39.7885, 42.8875, 49.8971.



This preview shows how white text looks on a background with the XYZ color 39.7885, 42.8875,

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

39.7885, 42.8875, 49.8971

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.5573, 42.8182, 50.2250



Tritanopia

40.7559, 42.9839, 54.8638

Trichromacy



Original Color

39.7885, 42.8875, 49.8971

Protanomaly

40.8018, 42.8395, 49.2984

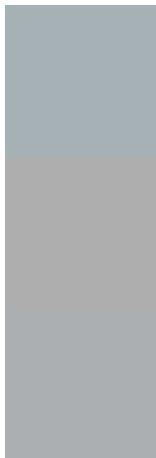
Deuteranomaly

42.2095, 42.9678, 50.3249

Tritanomaly

40.4313, 42.8540, 53.1544

Monochromacy



Original Color

39.7885, 42.8875, 49.8971

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0604, 42.4922, 47.6854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7885, 42.8875, 49.8971 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, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 181)  
}
```

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, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.7885, 42.8875, 49.8971 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, 177, 181) }
```


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

```
.border{ border-color:rgb(166, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7885, 42.8875, 49.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 181) }
```

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

```
.background{ background-color: rgb(166,  
177, 181) }
```

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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