

Converting Colors

XYZ(39.0829, 41.0006, 49.2716)

Have a look what the booklet for
XYZ(39.0829, 41.0006, 49.2716)
contains.

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Color

**XYZ(39.1392, 41.1252,
49.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	A8ACB4
RGB	168, 172, 180
RGB Percent	66%, 67%, 71%
CMY	0.3412, 0.3255, 0.2941
CMYK	0.07, 0.04, 0.00, 0.29
HSL	220°, 7%, 68%
HSV	220°, 7%, 71%
XYZ	39.1392, 41.1252, 49.0551
YIQ	171.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

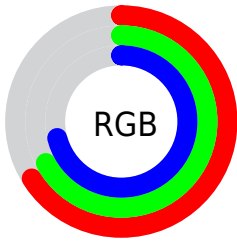
Format	Color
RYB	168, 171, 180
Decimal	11054260
CIELab	70.26, 0.16, -4.59
CIELCh	70, 4.595, 272.013
Yxy	41.1252, 0.3027, 0.3180
Android (android.graphics.Color)	4289244340 (0xFFA8ACB4)
YUV	171.7160, 4.0840, -3.2589
Hunter-Lab	64.1289, -3.2834, -0.4633

Details

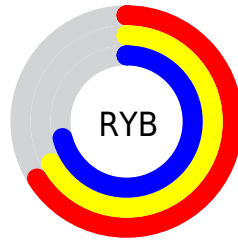
The XYZ color **39.1392, 41.1252, 49.0551** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4157, 43.5807, 43.2755**, and the grayscale version is **39.0520, 41.0857, 44.7424**.

A 20% lighter version of the original color is **73.0408, 76.6823, 90.3084**, and **17.7497, 18.6783, 22.7484** is the 20% darker color. If you saturate the color by 10%, you get **33.3885, 34.9240, 48.1619**, and if you desaturate by 10%, it is **45.6289, 48.0156, 50.0437**.

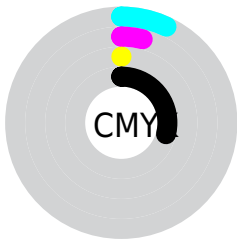
Distribution



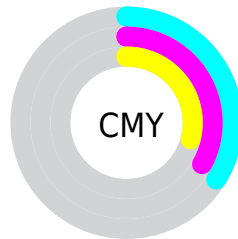
- Red (66%)
- Green (67%)
- Blue (71%)



- Red (66%)
- Yellow (67%)
- Blue (71%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1392, 41.1252, 49.0551 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 39.1392, 41.1252, 49.0551 by changing the saturation by 10% instead.

■ 39.1392, 41.1252,
49.0551

■ 39.1392, 41.1252,
49.0551

333.6789,
350.8436, 399.5879

■ 27.0492, 28.4169,
34.2973

■ 73.1436, 76.8739,
90.1551

■ 17.7470, 18.6402,
22.8429

■ 95.7888, 100.6831,
117.3344

■ 10.8671, 11.4106,
14.2733

122.6831,
128.9615, 149.4912

■ 6.0442, 6.3437,
8.1701

154.1919,
162.0933, 187.0442

■ 2.9129, 3.0552,
4.1146

190.6805,
200.4631, 230.4118

■ 1.1079, 1.1606,
1.6884

232.5143,

■ 0.0317, 0.0292,

244.4551, 280.0126

0.3528

280.0587,
294.4538, 336.2651

■ 0.0000, 0.0000,
0.0000

■ 39.1392, 41.1252,
49.0551

■ 39.1392, 41.1252,
49.0551

■ 33.3885, 34.9240,
48.1619

■ 45.6289, 48.0156,
50.0437

■ 28.3461, 29.3847,
47.3584

■ 52.8796, 55.6109,
51.1276

■ 23.9844, 24.4858,
46.6428

■ 60.9169, 63.9329,
52.3102

■ 20.2726, 20.2027,
46.0117

■ 69.7640, 73.0007,
53.5942

■ 17.1772, 16.5089,
45.4618

■ 78.3302, 82.2591,
54.9298

■ 14.6618, 13.3760,
44.9897

■ 81.8227, 89.2441,
56.0939

■ 12.6857, 10.7725,
44.5913

■ 85.2383, 96.0753,
57.2325

■ 11.2021, 8.6636,
44.2625

■ 10.1492, 7.0056,
43.9979

Harmonies

Analogous

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



38.4122, 41.1252, 48.5439



39.1392, 41.1252, 49.0551



39.8615, 41.1252, 48.3902

Triad

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



39.1392, 41.1252, 49.0551



40.3299, 41.1252, 42.6142



37.8226, 41.1252, 42.8590

Complementary

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



39.1392, 41.1252, 49.0551



41.4157, 43.5807, 43.2755

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.



38.3251, 41.1252, 41.3509



39.1392, 41.1252, 49.0551



39.7722, 41.1252, 41.2128

Square

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



39.1392, 41.1252, 49.0551



40.5544, 41.1252, 44.6327



39.0374, 41.1252, 40.7577



37.6579, 41.1252, 44.9243

Rectangle

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



39.1392, 41.1252, 49.0551



40.2415, 41.1252, 47.3814



39.0374, 41.1252, 40.7577



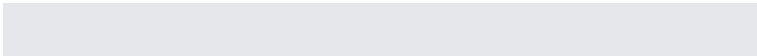
37.9573, 41.1252, 42.2724

Sweetspot

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



39.1404, 41.1269, 49.0560



76.2498, 80.1999, 89.7559



40.2870, 44.0947, 47.3590



16.5078, 17.3633, 19.4036



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.



39.1404, 41.1269, 49.0560



69.3528, 72.8401, 88.6989



38.7759, 39.8250, 48.8239



8.2659, 8.6780, 10.7457



6.9352, 4.6707, 30.6730



0.2732, 0.2570, 0.9834

Inverse Universe

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



40.2723, 40.6879, 44.7628



71.8391, 71.8987, 79.2637



41.7958, 44.9590, 43.5215



8.6094, 8.5505, 9.4415



13.7352, 7.0116, 3.7656



0.4599, 0.2317, 0.2647

Previews

White Background



This preview shows how the XYZ color 39.1392, 41.1252, 49.0551 looks on a white background.

Color Contrast Check

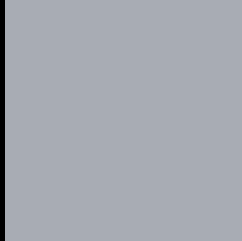
Large Text (above 18pt) WCAG AA × Fail

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 39.1392, 41.1252, 49.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

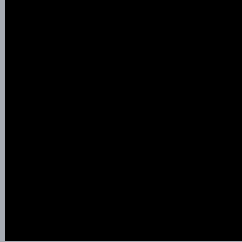
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1392, 41.1252, 49.0551

Background



This preview shows how black text looks on a background with the XYZ color 39.1392, 41.1252, 49.0551.



This preview shows how white text looks on a background with the XYZ color 39.1392, 41.1252,

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

39.1392, 41.1252, 49.0551

Protanopia

39.9332, 41.2647, 48.5080

Deuteranopia

41.9264, 41.1640, 49.4517



Tritanopia

39.6821, 41.0636, 51.7335

Trichromacy



Original Color

39.1392, 41.1252, 49.0551

Protanomaly

39.4942, 41.0384, 48.4875

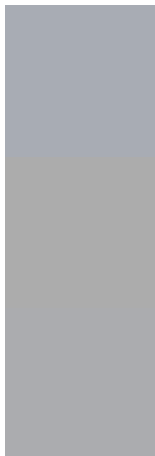
Deuteranomaly

40.8886, 41.1771, 49.5090

Tritanomaly

39.4723, 40.9797, 50.6292

Monochromacy



Original Color

39.1392, 41.1252, 49.0551

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.2850, 41.2581, 46.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1392, 41.1252, 49.0551 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(168, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 172, 180)  
}
```

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(168, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 172, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.1392, 41.1252, 49.0551 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(168, 172, 180) }
```


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

```
.border{ border-color:rgb(168, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 172,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1392, 41.1252, 49.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 172, 180) }
```

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

```
.background{ background-color: rgb(168,  
172, 180) }
```

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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