

Converting Colors

XYZ(39.1260, 41.1550, 37.1832)

Have a look what the booklet for
XYZ(39.1260, 41.1550, 37.1832)
contains.

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Color

**XYZ(39.1541, 41.1098,
37.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AB9C
RGB	179, 171, 156
RGB Percent	70%, 67%, 61%
CMY	0.2980, 0.3294, 0.3882
CMYK	0.00, 0.04, 0.13, 0.30
HSL	39°, 13%, 66%
HSV	39°, 13%, 70%
XYZ	39.1541, 41.1098, 37.3238
YIQ	171.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

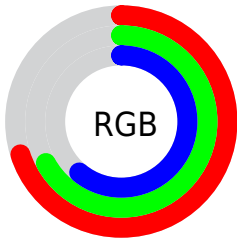
Format	Color
RYB	168, 179, 156
Decimal	11774876
CIELab	70.25, 0.26, 8.74
CIELCh	70, 8.744, 88.329
Yxy	41.1098, 0.3330, 0.3496
Android (android.graphics.Color)	4289964956 (0xFFB3AB9C)
YUV	171.6820, -7.7312, 6.4179
Hunter-Lab	64.1169, -3.2005, 10.3679

Details

The XYZ color **39.1541, 41.1098, 37.3238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1224, 36.8729, 47.9144**, and the grayscale version is **39.0873, 41.1229, 44.7828**.

A 20% lighter version of the original color is **73.0902, 76.7080, 71.9266**, and **17.7508, 18.6492, 16.0287** is the 20% darker color. If you saturate the color by 10%, you get **36.6010, 38.2529, 29.5376**, and if you desaturate by 10%, it is **41.9882, 44.1704, 46.3067**.

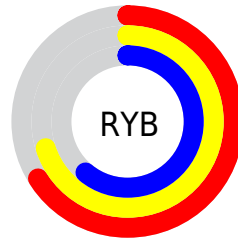
Distribution



Red (70%)

Green (67%)

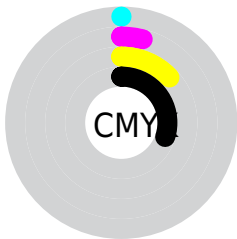
Blue (61%)



Red (66%)

Yellow (70%)

Blue (61%)

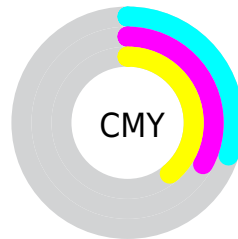


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1541, 41.1098, 37.3238 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 39.1541, 41.1098, 37.3238 by changing the saturation by 10% instead.


 39.1541, 41.1098,
37.3238


 39.1541, 41.1098,
37.3238


333.7411,
350.7793, 349.9211

 27.0609, 28.4049,
25.1605


 73.1662, 76.8505,
72.2624

 17.7558, 18.6311,
15.9766


 95.8159, 100.6552,
95.8748

 10.8734, 11.4040,
9.3534


122.7150,
128.9285, 124.1407

 6.0484, 6.3393,
4.8725

154.2291,
162.0549, 157.4786

 2.9155, 3.0525,
2.1152

190.7233,
200.4188, 196.3070

 1.1092, 1.1592,
0.6248

232.5632,

 0.0328, 0.0280,

244.4046, 241.0446

0.0000

280.1140,
294.3966, 292.1098

■ 0.0000, 0.0000,
0.0000

■ 39.1541, 41.1098,
37.3238

■ 39.1541, 41.1098,
37.3238

■ 36.6010, 38.2529,
29.5376

■ 41.9882, 44.1704,
46.3067

■ 34.3151, 35.5890,
22.8941

■ 45.1099, 47.4344,
56.5321

■ 32.2863, 33.1140,
17.3387

■ 48.5295, 50.9085,
68.0465

■ 30.5024, 30.8219,
12.8116

■ 52.2561, 54.5974,
80.8933

■ 28.9503, 28.7060,
9.2470

■ 56.2981, 58.5056,
95.1138

■ 27.6152, 26.7593,
6.5713

■ 59.2810, 62.0845,
103.4668

■ 26.4802, 24.9736,
4.7004

■ 60.8316, 65.1858,
103.9837

■ 25.5256, 23.3395,
3.5337

■ 62.4426, 68.4077,
104.5207

■ 24.9246, 22.2516,
2.9813

■ 64.1144, 71.7513,
105.0779

Harmonies

Analogous

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



40.5392, 41.1098, 38.3722



39.1541, 41.1098, 37.3238



37.7799, 41.1098, 38.1648

Triad

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



39.1541, 41.1098, 37.3238



36.6967, 41.1098, 48.6139



41.4674, 41.1098, 49.0366

Complementary

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



39.1541, 41.1098, 37.3238



35.1224, 36.8729, 47.9144

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.



40.3966, 41.1098, 52.0779



39.1541, 41.1098, 37.3238



37.6439, 41.1098, 51.8235

Square

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



39.1541, 41.1098, 37.3238



36.3821, 41.1098, 44.5317



38.9933, 41.1098, 53.1271



41.8948, 41.1098, 44.9923

Rectangle

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



39.1541, 41.1098, 37.3238



37.0502, 41.1098, 39.7145



38.9933, 41.1098, 53.1271



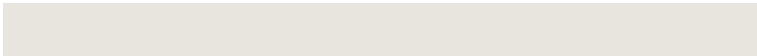
41.1694, 41.1098, 50.2192

Sweetspot

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



39.1552, 41.1116, 37.3247



74.5533, 78.4200, 80.8553



37.1848, 36.0434, 40.1434



16.4303, 17.2811, 17.6344



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.



39.1552, 41.1116, 37.3247



68.9803, 72.3656, 63.3014



39.9243, 43.8188, 37.8067



8.9434, 9.3993, 8.9954



17.6753, 15.8491, 2.1276



0.6082, 0.6027, 0.0843

Inverse Universe

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



35.1224, 36.8729, 47.9144



60.5472, 63.5023, 85.4472



34.4132, 34.4492, 47.4840



8.2756, 8.6974, 10.7489



7.0318, 4.8640, 30.7052



0.2771, 0.2648, 0.9847

Previews

White Background



This preview shows how the XYZ color 39.1541, 41.1098, 37.3238 looks on a white background.

Color Contrast Check

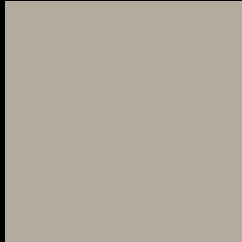
Large Text (above 18pt) WCAG AA × Fail

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 39.1541, 41.1098, 37.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

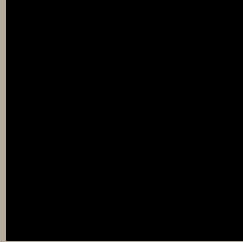
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1541, 41.1098, 37.3238

Background



This preview shows how black text looks on a background with the XYZ color 39.1541, 41.1098, 37.3238.



This preview shows how white text looks on a background with the XYZ color 39.1541, 41.1098,

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

39.1541, 41.1098, 37.3238

Protanopia

38.9238, 40.9911, 37.3131

Deuteranopia

41.9702, 41.1761, 37.6340



Tritanopia

41.4506, 40.9187, 49.4295

Trichromacy



Original Color

39.1541, 41.1098, 37.3238

Protanomaly

38.9238, 40.9911, 37.3131

Deuteranomaly

41.0747, 41.2584, 37.6971

Tritanomaly

40.5051, 40.8076, 44.7715

Monochromacy



Original Color

39.1541, 41.1098, 37.3238

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.3147, 41.3722, 41.9899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1541, 41.1098, 37.3238 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(179, 171, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 156)  
}
```

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(179, 171, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.1541, 41.1098, 37.3238 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(179, 171, 156) }
```


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

```
.border{ border-color:rgb(179, 171, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1541, 41.1098, 37.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 156) }
```

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

```
.background{ background-color: rgb(179,  
171, 156) }
```

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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