

Converting Colors

XYZ(39.3086, 40.0689, 51.5735)

Have a look what the booklet for
XYZ(39.3086, 40.0689, 51.5735)
contains.

XYZ(39.3372, 40.0541, 51.5569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.3372, 40.0541,
51.5569)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA8B9
RGB	170, 168, 185
RGB Percent	67%, 66%, 73%
CMY	0.3333, 0.3412, 0.2745
CMYK	0.08, 0.09, 0.00, 0.27
HSL	247°, 11%, 69%
HSV	247°, 9%, 73%
XYZ	39.3372, 40.0541, 51.5569
YIQ	170.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

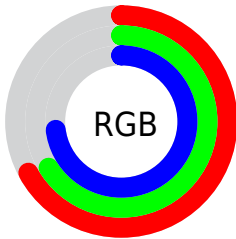
Format	Color
R_{YB}	170, 168, 185
Decimal	11184313
CIE _{Lab}	69.51, 4.04, -8.46
CIE _{LCh}	70, 9.375, 295.555
Yxy	40.0541, 0.3004, 0.3059
Android (android.graphics.Color)	4289374393 (0xFFAAA8B9)
YUV	170.5360, 7.1308, -0.4701
Hunter-Lab	63.2883, 0.1931, -3.9979

Details

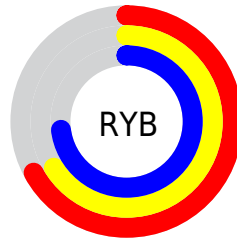
The XYZ color **39.3372, 40.0541, 51.5569** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9467, 47.5934, 43.9179**, and the grayscale version is **38.4441, 40.4462, 44.0459**.

A 20% lighter version of the original color is **73.3162, 75.1338, 93.8572**, and **17.8815, 18.0083, 24.3633** is the 20% darker color. If you saturate the color by 10%, you get **32.8493, 31.9958, 50.3441**, and if you desaturate by 10%, it is **46.7517, 49.3136, 52.9540**.

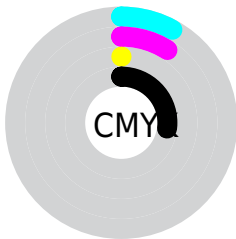
Distribution



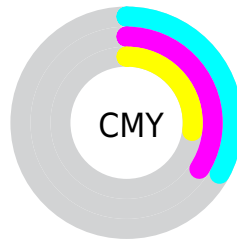
- Red (67%)
- Green (66%)
- Blue (73%)



- Red (67%)
- Yellow (66%)
- Blue (73%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3372, 40.0541, 51.5569 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 39.3372, 40.0541, 51.5569 by changing the saturation by 10% instead.

■ 39.3372, 40.0541,
51.5569

■ 39.3372, 40.0541,
51.5569

334.5045,
346.3515, 409.6318

■ 27.2041, 27.5807,
36.2722

■ 73.4439, 75.2459,
93.8973

■ 17.8639, 18.0098,
24.3531

■ 96.1482, 98.7331,
121.7902

■ 10.9514, 10.9571,
15.3812

123.1070,
126.6604, 154.7228

■ 6.1012, 6.0380,
8.9377

154.6855,
159.4121, 193.1138

■ 2.9480, 2.8682,
4.6043

191.2492,
197.3727, 237.3816

■ 1.1263, 1.0633,
1.9624

233.1633,

■ 0.0470, 0.0000,

240.9265, 287.9449

0.5320

280.7933,
290.4580, 345.2221

■ 0.0000, 0.0000,
0.0000

■ 39.3372, 40.0541,
51.5569

■ 39.3372, 40.0541,
51.5569

■ 32.8493, 31.9958,
50.3441

■ 46.7517, 49.3136,
52.9540

■ 27.2480, 25.0845,
49.3053

■ 55.1236, 59.8153,
54.5398

■ 22.4956, 19.2694,
48.4333

■ 64.4867, 71.6048,
56.3219

■ 18.5505, 14.4939,
47.7195

■ 74.8721, 84.7237,
58.3067

■ 15.3674, 10.6965,
47.1543

■ 84.5281, 95.6493,
59.9066

■ 12.8964, 7.8090,
46.7272

■ 85.7571, 96.2828,
59.9642

■ 11.0818, 5.7542,
46.4262

■ 9.8591, 4.4424,
46.2374

■ 9.1284, 3.7185,
46.1362

Harmonies

Analogous

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



37.8455, 40.0541, 52.4440



39.3372, 40.0541, 51.5569



40.5165, 40.0541, 48.4892

Triad

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



39.3372, 40.0541, 51.5569



39.7371, 40.0541, 37.1045



35.2467, 40.0541, 42.9705

Complementary

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



39.3372, 40.0541, 51.5569



43.9467, 47.5934, 43.9179

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.



35.7244, 40.0541, 39.0735



39.3372, 40.0541, 51.5569



38.2958, 40.0541, 35.8320

Square

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



39.3372, 40.0541, 51.5569



40.7517, 40.0541, 40.1206



36.8307, 40.0541, 36.5285



35.5090, 40.0541, 47.3005

Rectangle

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



39.3372, 40.0541, 51.5569



40.9533, 40.0541, 45.7206



36.8307, 40.0541, 36.5285



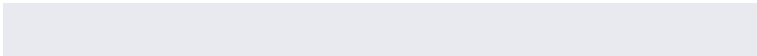
35.3257, 40.0541, 41.5695

Sweetspot

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



39.3384, 40.0558, 51.5578



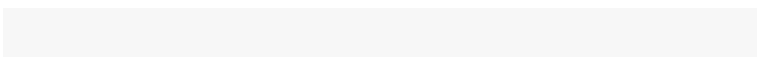
78.4038, 81.6570, 93.8337



41.8436, 45.7026, 52.5157



16.6702, 17.3136, 20.1849



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.3384, 40.0558, 51.5578



68.0085, 68.6945, 91.8795



41.2322, 41.0321, 51.6464



8.6166, 8.7687, 11.3178



6.2175, 2.5164, 31.4111



0.2515, 0.1054, 1.1088

Inverse Universe

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



42.5588, 41.7402, 50.6152



74.9393, 72.3201, 89.8248



41.9890, 46.5842, 43.8263



9.3342, 9.1441, 11.1076



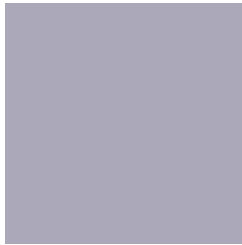
18.1579, 8.8369, 24.5161



0.6531, 0.3167, 0.9325

Previews

White Background



This preview shows how the XYZ color 39.3372, 40.0541, 51.5569 looks on a white background.

Color Contrast Check

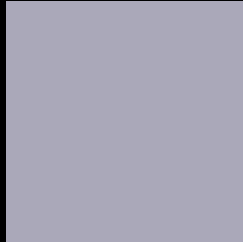
Large Text (above 18pt) WCAG AA × Fail

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 39.3372, 40.0541, 51.5569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

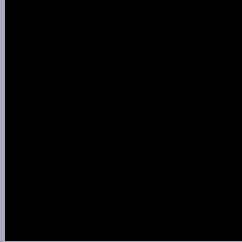
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3372, 40.0541, 51.5569

Background



This preview shows how black text looks on a background with the XYZ color 39.3372, 40.0541, 51.5569.



This preview shows how white text looks on a background with the XYZ color 39.3372, 40.0541,

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

39.3372, 40.0541, 51.5569

Protanopia

39.0934, 40.2035, 51.5986

Deuteranopia

40.9085, 40.0391, 52.0266



Tritanopia

38.9937, 40.1883, 49.9579

Trichromacy



Original Color

39.3372, 40.0541, 51.5569

Protanomaly

39.3071, 40.3137, 51.6086

Deuteranomaly

40.4036, 40.0477, 52.0549

Tritanomaly

39.0974, 40.2298, 50.5042

Monochromacy



Original Color

39.3372, 40.0541, 51.5569

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0058, 40.5420, 46.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3372, 40.0541, 51.5569 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(170, 168, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 168, 185)  
}
```

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(170, 168, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 168, 185) }
```

Border

The CSS property to change the border of an element to XYZ 39.3372, 40.0541, 51.5569 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(170, 168, 185) }
```


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

```
.border{ border-color:rgb(170, 168, 185) }
```

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

Here you see how a box with a 4 pixel rgb(170, 168, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 168, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 168, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 168,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3372, 40.0541, 51.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 168, 185) }
```

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

```
.background{ background-color: rgb(170,  
168, 185) }
```

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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