

Converting Colors

XYZ(40.5862, 40.9953, 53.9019)

Have a look what the booklet for
XYZ(40.5862, 40.9953, 53.9019)
contains.

XYZ(40.6069, 40.9343, 53.9050)	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(40.6069, 40.9343,
53.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA9BD
RGB	173, 169, 189
RGB Percent	68%, 66%, 74%
CMY	0.3216, 0.3372, 0.2588
CMYK	0.08, 0.11, 0.00, 0.26
HSL	252°, 13%, 70%
HSV	252°, 11%, 74%
XYZ	40.6069, 40.9343, 53.9050
YIQ	172.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

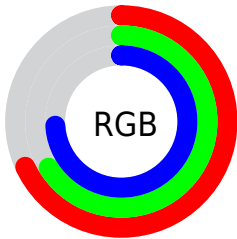
Format	Color
RYB	173, 169, 189
Decimal	11381181
CIELab	70.13, 5.33, -9.72
CIELCh	70, 11.083, 298.748
Yxy	40.9343, 0.2998, 0.3022
Android (android.graphics.Color)	4289571261 (0xFFADA9BD)
YUV	172.4760, 8.1463, 0.4595
Hunter-Lab	63.9799, 1.3259, -5.1677

Details

The XYZ color **40.6069, 40.9343, 53.9050** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3680, 49.5751, 44.7159**, and the grayscale version is **39.4164, 41.4691, 45.1598**.

A 20% lighter version of the original color is **75.1320, 76.3979, 97.1726**, and **18.6904, 18.5651, 25.8909** is the 20% darker color. If you saturate the color by 10%, you get **34.1854, 32.7770, 52.6696**, and if you desaturate by 10%, it is **47.9176, 50.3067, 55.3294**.

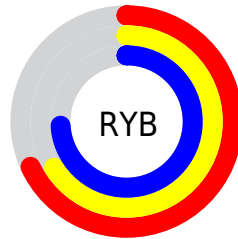
Distribution



Red (68%)

Green (66%)

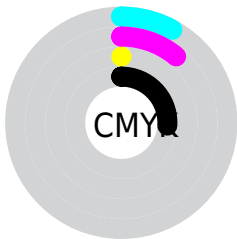
Blue (74%)



Red (68%)

Yellow (66%)

Blue (74%)

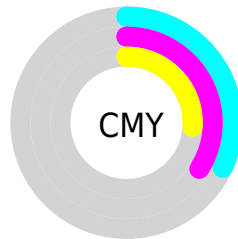


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6069, 40.9343, 53.9050 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 40.6069, 40.9343, 53.9050 by changing the saturation by 10% instead.

■ 40.6069, 40.9343,
53.9050

■ 40.6069, 40.9343,
53.9050

339.7657,
350.0459, 418.9120

■ 28.1984, 28.2678,
38.1331

■ 75.3653, 76.5842,
97.3897

■ 18.6165, 18.5276,
25.7833

■ 98.4458, 100.3362,
125.9396

■ 11.4958, 11.3294,
16.4373

125.8144,
128.5523, 159.5859

■ 6.4711, 6.2889,
9.6764

157.8365,
161.6167, 198.7471

■ 3.1770, 3.0215,
5.0822

194.8772,
199.9139, 243.8418

■ 1.2480, 1.1430,
2.2360

237.3021,

■ 0.1438, 0.0144,

243.8282, 295.2884

0.6950

285.4765,
293.7441, 353.5057

■ 0.0000, 0.0000,
0.0000

■ 40.6069, 40.9343,
53.9050

■ 40.6069, 40.9343,
53.9050

■ 34.1854, 32.7770,
52.6696

■ 47.9176, 50.3067,
55.3294

■ 28.6151, 25.7797,
51.6125

■ 56.1462, 60.9359,
56.9473

■ 23.8607, 19.8907,
50.7264

■ 65.3246, 72.8682,
58.7667

■ 19.8832, 15.0526,
50.0022

■ 75.4822, 86.1458,
60.7942

■ 16.6398, 11.2023,
49.4300

■ 83.8734, 95.2623,
62.1116

■ 14.0839, 8.2703,
48.9988

■ 86.1854, 96.4542,
62.2198

■ 12.1629, 6.1775,
48.6961

■ 10.8162, 4.8313,
48.5072

■ 9.9769, 4.0822,
48.4068

Harmonies

Analogous

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



38.8307, 40.9343, 55.3106



40.6069, 40.9343, 53.9050



41.9624, 40.9343, 49.9510

Triad

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



40.6069, 40.9343, 53.9050



40.7428, 40.9343, 36.5719



35.5261, 40.9343, 44.3527

Complementary

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



40.6069, 40.9343, 53.9050



45.3680, 49.5751, 44.7159

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.



36.0033, 40.9343, 39.5909



40.6069, 40.9343, 53.9050



38.9830, 40.9343, 35.3193

Square

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



40.6069, 40.9343, 53.9050



42.0426, 40.9343, 39.9411



37.2549, 40.9343, 36.3810



35.9310, 40.9343, 49.5445

Rectangle

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



40.6069, 40.9343, 53.9050



42.4254, 40.9343, 46.5463



37.2549, 40.9343, 36.3810



35.5883, 40.9343, 42.6514

Sweetspot

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



40.6081, 40.9360, 53.9059



82.4383, 85.7507, 98.4328



42.9676, 46.9479, 54.9419



17.4948, 18.1409, 21.1220



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.6081, 40.9360, 53.9059



69.5544, 69.2694, 95.9306



42.8239, 42.0783, 54.0096



9.1899, 9.3148, 11.9858



6.7637, 2.7729, 32.5716



0.3187, 0.1363, 1.2784

Inverse Universe

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



43.9325, 42.6993, 51.8270



76.8717, 73.1518, 91.2946



43.1144, 48.4133, 44.6104



9.8460, 9.6627, 11.5780



17.9180, 8.7984, 20.6596



0.7230, 0.3531, 0.9207

Previews

White Background



This preview shows how the XYZ color 40.6069, 40.9343, 53.9050 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 40.6069, 40.9343, 53.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

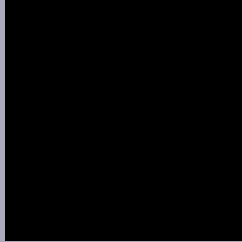
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6069, 40.9343, 53.9050

Background



This preview shows how black text looks on a background with the XYZ color 40.6069, 40.9343, 53.9050.



This preview shows how white text looks on a background with the XYZ color 40.6069, 40.9343,

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

40.6069, 40.9343, 53.9050

Protanopia

40.0312, 40.9022, 54.5002

Deuteranopia

41.8264, 41.0149, 53.8563



Tritanopia

39.9352, 40.9390, 50.5970

Trichromacy



Original Color

40.6069, 40.9343, 53.9050

Protanomaly

40.2466, 41.0132, 54.5103

Deuteranomaly

41.3194, 41.0265, 53.8853

Tritanomaly

40.1449, 41.0229, 51.7013

Monochromacy



Original Color

40.6069, 40.9343, 53.9050

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6120, 41.1108, 47.9669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6069, 40.9343, 53.9050 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(173, 169, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 189)  
}
```

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(173, 169, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 189) }
```

Border

The CSS property to change the border of an element to XYZ 40.6069, 40.9343, 53.9050 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(173, 169, 189) }
```


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

```
.border{ border-color:rgb(173, 169, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6069, 40.9343, 53.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 189) }
```

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

```
.background{ background-color: rgb(173,  
169, 189) }
```

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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