

Converting Colors

XYZ(40.4948, 40.6816, 53.7033)

Have a look what the booklet for
XYZ(40.4948, 40.6816, 53.7033)
contains.

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Color

**XYZ(40.4215, 40.5636,
53.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA8BD
RGB	173, 168, 189
RGB Percent	68%, 66%, 74%
CMY	0.3216, 0.3412, 0.2588
CMYK	0.08, 0.11, 0.00, 0.26
HSL	254°, 14%, 70%
HSV	254°, 11%, 74%
XYZ	40.4215, 40.5636, 53.8432
YIQ	171.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

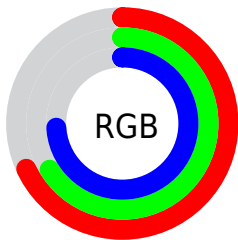
Format	Color
RYB	173, 168, 189
Decimal	11380925
CIELab	69.87, 5.88, -10.11
CIELCh	70, 11.693, 300.194
Yxy	40.5636, 0.2998, 0.3009
Android (android.graphics.Color)	4289571005 (0xFFADA8BD)
YUV	171.8890, 8.4357, 0.9743
Hunter-Lab	63.6896, 1.8309, -5.5411

Details

The XYZ color **40.4215, 40.5636, 53.8432** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0341, 49.4137, 44.2120**, and the grayscale version is **39.1176, 41.1548, 44.8175**.

A 20% lighter version of the original color is **74.8640, 75.8619, 97.0833**, and **18.5745, 18.3333, 25.8523** is the 20% darker color. If you saturate the color by 10%, you get **34.1682, 32.5320, 52.6232**, and if you desaturate by 10%, it is **47.5277, 49.7899, 55.2501**.

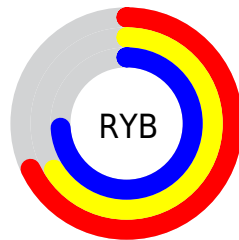
Distribution



Red (68%)

Green (66%)

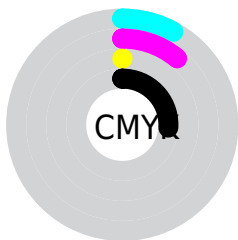
Blue (74%)



Red (68%)

Yellow (66%)

Blue (74%)

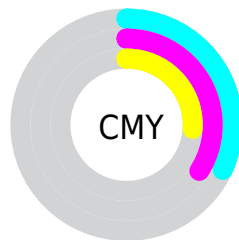


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4215, 40.5636, 53.8432 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 40.4215, 40.5636, 53.8432 by changing the saturation by 10% instead.

■ 40.4215, 40.5636,
53.8432

■ 40.4215, 40.5636,
53.8432

339.0010,
348.4934, 418.6695

■ 28.0530, 27.9782,
38.0840

■ 75.0852, 76.0210,
97.2981

■ 18.5063, 18.3093,
25.7455

■ 98.1111, 99.6618,
125.8308

■ 11.4160, 11.1722,
16.4093

125.4202,
127.7566, 159.4585

■ 6.4167, 6.1828,
9.6568

157.3779,
160.6897, 198.5996

■ 3.1431, 2.9566,
5.0694

194.3494,
198.8455, 243.6727

■ 1.2299, 1.1091,
2.2286

236.7002,

■ 0.1298, 0.0000,

242.6085, 295.0964

0.6908

284.7956,
292.3630, 353.2891

■ 0.0000, 0.0000,
0.0000

■ 40.4215, 40.5636,
53.8432

■ 40.4215, 40.5636,
53.8432

■ 34.1682, 32.5320,
52.6232

■ 47.5277, 49.7899,
55.2501

■ 28.7314, 25.6409,
51.5796

■ 55.5140, 60.2519,
56.8486

■ 24.0778, 19.8392,
50.7050

■ 64.4107, 71.9953,
58.6464

■ 20.1699, 15.0702,
49.9905

■ 74.2459, 85.0615,
60.6501

■ 16.9673, 11.2720,
49.4262

■ 82.6050, 94.6084,
62.0522

■ 14.4253, 8.3756,
49.0011

■ 86.1854, 96.4542,
62.2198

■ 12.4940, 6.3031,
48.7028

■ 11.1155, 4.9622,
48.5167

■ 10.2669, 4.2317,
48.4204

Harmonies

Analogous

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



38.5668, 40.5636, 55.4796



40.4215, 40.5636, 53.8432



41.8128, 40.5636, 49.5753

Triad

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



40.4215, 40.5636, 53.8432



40.3994, 40.5636, 35.6947



35.0148, 40.5636, 44.2023

Complementary

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



40.4215, 40.5636, 53.8432



45.0341, 49.4137, 44.2120

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.



35.4700, 40.5636, 39.1668



40.4215, 40.5636, 53.8432



38.5421, 40.5636, 34.5070

Square

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



40.4215, 40.5636, 53.8432



41.7997, 40.5636, 39.1102



36.7459, 40.5636, 35.7254



35.4817, 40.5636, 49.6416

Rectangle

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



40.4215, 40.5636, 53.8432



42.2683, 40.5636, 45.9732



36.7459, 40.5636, 35.7254



35.0649, 40.5636, 42.4084

Sweetspot

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



40.4227, 40.5653, 53.8441



82.5328, 85.7994, 98.4372



42.4964, 46.3227, 54.8461



17.5203, 18.1540, 21.1232



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.



40.4227, 40.5653, 53.8441



69.9212, 69.4585, 95.9478



42.8130, 41.7975, 53.9560



9.2234, 9.3321, 11.9873



6.9659, 2.8771, 32.5811



0.3332, 0.1438, 1.2791

Inverse Universe

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



43.6420, 42.2865, 51.2113



76.6937, 73.0806, 90.3574



42.6334, 48.1761, 44.0996



9.8302, 9.6564, 11.4949



17.5390, 8.6468, 18.6639



0.7110, 0.3483, 0.8571

Previews

White Background



This preview shows how the XYZ color 40.4215, 40.5636, 53.8432 looks on a white background.

Color Contrast Check

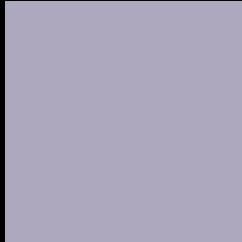
Large Text (above 18pt) WCAG AA × Fail

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 40.4215, 40.5636, 53.8432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

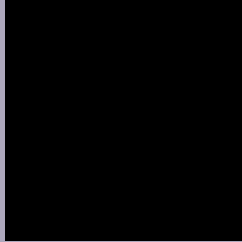
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4215, 40.5636, 53.8432

Background



This preview shows how black text looks on a background with the XYZ color 40.4215, 40.5636, 53.8432.



This preview shows how white text looks on a background with the XYZ color 40.4215, 40.5636,

53.8432.

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

40.4215, 40.5636, 53.8432

Protanopia

39.6307, 40.4185, 54.4280

Deuteranopia

41.4119, 40.5303, 53.7846



Tritanopia

39.6447, 40.5240, 49.9884

Trichromacy



Original Color

40.4215, 40.5636, 53.8432

Protanomaly

40.0598, 40.6397, 54.4481

Deuteranomaly

41.1355, 40.6587, 53.8239

Tritanomaly

39.9582, 40.6494, 51.6390

Monochromacy



Original Color

40.4215, 40.5636, 53.8432

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 40.4215, 40.5636, 53.8432 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, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 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, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 189) }
```

Border

The CSS property to change the border of an element to XYZ 40.4215, 40.5636, 53.8432 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, 168, 189) }
```


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

```
.border{ border-color:rgb(173, 168, 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, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4215, 40.5636, 53.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 189) }
```

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

```
.background{ background-color: rgb(173,  
168, 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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