

Converting Colors

XYZ(39.2950, 39.9418, 53.8643)

Have a look what the booklet for
XYZ(39.2950, 39.9418, 53.8643)
contains.

XYZ(39.3364, 40.0042, 53.7924)	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(39.3364, 40.0042,
53.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A8BD
RGB	168, 168, 189
RGB Percent	66%, 66%, 74%
CMY	0.3412, 0.3412, 0.2588
CMYK	0.11, 0.11, 0.00, 0.26
HSL	240°, 14%, 70%
HSV	240°, 11%, 74%
XYZ	39.3364, 40.0042, 53.7924
YIQ	170.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

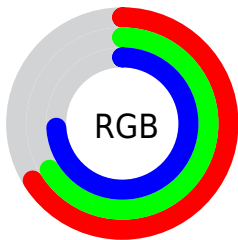
Format	Color
RYB	168, 168, 189
Decimal	11053245
CIELab	69.47, 4.19, -10.74
CIELCh	69, 11.530, 291.334
Yxy	40.0042, 0.2955, 0.3005
Android (android.graphics.Color)	4289243325 (0xFFA8A8BD)
YUV	170.3940, 9.1728, -2.0995
Hunter-Lab	63.2489, 0.3291, -6.1512

Details

The XYZ color **39.3364, 40.0042, 53.7924** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.2520, 50.0409, 44.2678**, and the grayscale version is **38.3641, 40.3620, 43.9542**.

A 20% lighter version of the original color is **73.3005, 75.0559, 97.0101**, and **17.8918, 17.9814, 25.8203** is the 20% darker color. If you saturate the color by 10%, you get **32.3626, 31.6016, 52.5387**, and if you desaturate by 10%, it is **47.4045, 49.7257, 55.2442**.

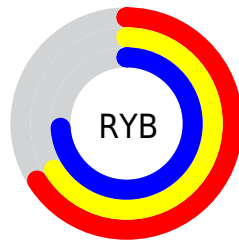
Distribution



Red (66%)

Green (66%)

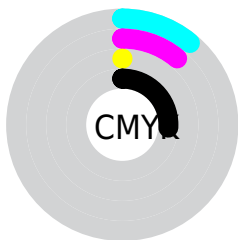
Blue (74%)



Red (66%)

Yellow (66%)

Blue (74%)

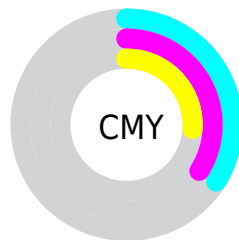


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3364, 40.0042, 53.7924 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 39.3364, 40.0042, 53.7924 by changing the saturation by 10% instead.

■ 39.3364, 40.0042,
53.7924

■ 39.3364, 40.0042,
53.7924

334.5012,
346.1413, 418.4701

■ 27.2034, 27.5418,
38.0437

■ 73.4427, 75.1699,
97.2227

■ 17.8634, 17.9806,
25.7145

■ 96.1468, 98.6420,
125.7413

■ 10.9511, 10.9360,
16.3863

123.1053,
126.5528, 159.3537

■ 6.1010, 6.0238,
9.6406

154.6835,
159.2868, 198.4783

■ 2.9478, 2.8596,
5.0589

191.2469,
197.2282, 243.5337

■ 1.1262, 1.0589,
2.2225

233.1607,

■ 0.0469, 0.0000,

240.7615, 294.9384

0.6873

280.7903,
290.2710, 353.1111

■ 0.0000, 0.0000,
0.0000

■ 39.3364, 40.0042,
53.7924

■ 39.3364, 40.0042,
53.7924

■ 32.3626, 31.6016,
52.5387

■ 47.4045, 49.7257,
55.2442

■ 26.4325, 24.4564,
51.4721

■ 56.6074, 60.8142,
56.8995

■ 21.4972, 18.5097,
50.5844

■ 66.9878, 73.3216,
58.7665

■ 17.5021, 13.6958,
49.8658

■ 78.5853, 87.2953,
60.8525

■ 14.3876, 9.9430,
49.3056

■ 86.1854, 96.4542,
62.2198

■ 12.0871, 7.1710,
48.8918

■ 10.5249, 5.2885,
48.6108

■ 9.6107, 4.1868,
48.4463

■ 9.1856, 3.6746,
48.3698

Harmonies

Analogous

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



37.4874, 40.0042, 54.4673



39.3364, 40.0042, 53.7924



40.8789, 40.0042, 50.2631

Triad

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



39.3364, 40.0042, 53.7924



40.2972, 40.0042, 36.0525



34.6016, 40.0042, 42.0353

Complementary

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



39.3364, 40.0042, 53.7924



46.2520, 50.0409, 44.2678

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.



35.3029, 40.0042, 37.4770



39.3364, 40.0042, 53.7924



38.5633, 40.0042, 34.2119

Square

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



39.3364, 40.0042, 53.7924



41.4461, 40.0042, 39.9431



36.7388, 40.0042, 34.7113



34.7934, 40.0042, 47.3842

Rectangle

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



39.3364, 40.0042, 53.7924



41.5063, 40.0042, 46.9127



36.7388, 40.0042, 34.7113



34.7399, 40.0042, 40.3667

Sweetspot

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



39.3376, 40.0059, 53.7933



81.9450, 85.4967, 98.4097



43.4941, 48.3796, 54.9916



17.3620, 18.0725, 21.1158



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.



39.3376, 40.0059, 53.7933



67.6735, 68.3009, 95.8428



41.5833, 41.1630, 53.8983



9.0166, 9.2255, 11.9777



6.1803, 2.4724, 32.5444



0.2421, 0.0969, 1.2748

Inverse Universe

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



42.0577, 41.6522, 42.8707



73.3822, 71.7560, 72.9195



43.8219, 48.7889, 44.1542



9.5302, 9.5364, 9.9152



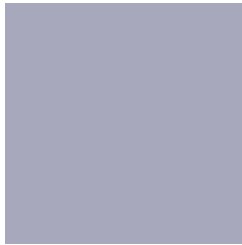
14.1203, 7.2793, 0.6613



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 39.3364, 40.0042, 53.7924 looks on a white background.

Color Contrast Check

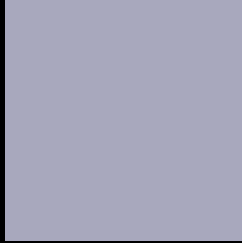
Large Text (above 18pt) WCAG AA × Fail

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 39.3364, 40.0042, 53.7924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

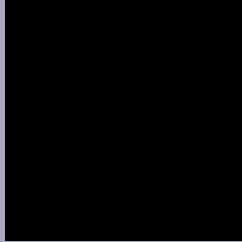
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3364, 40.0042, 53.7924

Background



This preview shows how black text looks on a background with the XYZ color 39.3364, 40.0042, 53.7924.



This preview shows how white text looks on a background with the XYZ color 39.3364, 40.0042,

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

39.3364, 40.0042, 53.7924

Protanopia

39.1243, 39.8949, 53.7825

Deuteranopia

40.8809, 39.9751, 54.2765



Tritanopia

38.5678, 39.9688, 49.9380

Trichromacy



Original Color

39.3364, 40.0042, 53.7924

Protanomaly

39.1243, 39.8949, 53.7825

Deuteranomaly

40.3860, 39.9888, 54.3052

Tritanomaly

38.8813, 40.0942, 51.5886

Monochromacy



Original Color

39.3364, 40.0042, 53.7924

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4860, 39.9853, 47.2845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3364, 40.0042, 53.7924 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, 168, 189)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 39.3364, 40.0042, 53.7924 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, 168, 189) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 39.3364, 40.0042, 53.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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