

Converting Colors

XYZ(39.6617, 40.5294, 53.4571)

Have a look what the booklet for
XYZ(39.6617, 40.5294, 53.4571)
contains.

XYZ(39.6273, 40.4418, 53.2944)	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(39.6273, 40.4418,
53.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A9BC
RGB	169, 169, 188
RGB Percent	66%, 66%, 74%
CMY	0.3372, 0.3372, 0.2627
CMYK	0.10, 0.10, 0.00, 0.26
HSL	240°, 12%, 70%
HSV	240°, 10%, 74%
XYZ	39.6273, 40.4418, 53.2944
YIQ	171.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

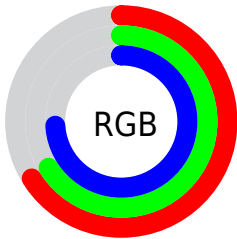
Format	Color
R _Y B	169, 169, 188
Decimal	11119036
CIE Lab	69.78, 3.77, -9.72
CIE LCh	70, 10.422, 291.221
Yxy	40.4418, 0.2971, 0.3032
Android (android.graphics.Color)	4289309116 (0xFFA9A9BC)
YUV	171.1660, 8.2992, -1.8996
Hunter-Lab	63.5939, -0.0604, -5.1719

Details

The XYZ color **39.6273, 40.4418, 53.2944** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8839, 49.5222, 44.6774**, and the grayscale version is **38.7549, 40.7732, 44.4020**.

A 20% lighter version of the original color is **73.7253, 75.6903, 96.3119**, and **18.0706, 18.2538, 25.4926** is the 20% darker color. If you saturate the color by 10%, you get **32.6313, 32.0125, 52.0367**, and if you desaturate by 10%, it is **47.7085, 50.1790, 54.7486**.

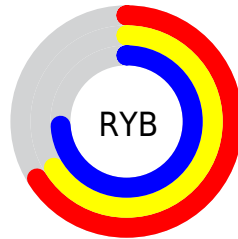
Distribution



Red (66%)

Green (66%)

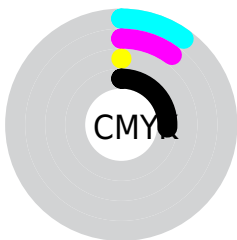
Blue (74%)



Red (66%)

Yellow (66%)

Blue (74%)

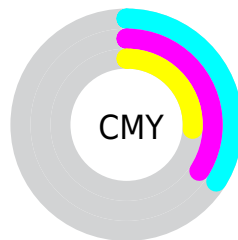


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6273, 40.4418, 53.2944 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 39.6273, 40.4418, 53.2944 by changing the saturation by 10% instead.

■ 39.6273, 40.4418,
53.2944

■ 39.6273, 40.4418,
53.2944

335.7116,
347.9822, 416.5119

■ 27.4310, 27.8832,
37.6485

■ 73.8836, 75.8358,
96.4834

■ 18.0354, 18.2376,
25.4103

■ 96.6743, 99.4400,
124.8635

■ 11.0753, 11.1207,
16.1612

123.7272,
127.4948, 158.3255

■ 6.1852, 6.1481,
9.4827

155.4076,
160.3846, 197.2879

■ 2.9997, 2.9353,
4.9563

192.0809,
198.4939, 242.1692

■ 1.1536, 1.0981,
2.1633

234.1124,

■ 0.0693, 0.0000,

242.2070, 293.3879

0.6531

281.8675,
291.9083, 351.3626

■ 0.0000, 0.0000,
0.0000

■ 39.6273, 40.4418,
53.2944

■ 39.6273, 40.4418,
53.2944

■ 32.6313, 32.0125,
52.0367

■ 47.7085, 50.1790,
54.7486

■ 26.6708, 24.8306,
50.9647

■ 56.9144, 61.2712,
56.4044

■ 21.6978, 18.8385,
50.0702

■ 67.2871, 73.7692,
58.2700

■ 17.6589, 13.9720,
49.3437

■ 78.8655, 87.7198,
60.3525

■ 14.4960, 10.1608,
48.7748

■ 86.0772, 96.4109,
61.6500

■ 12.1440, 7.3267,
48.3517

■ 10.5293, 5.3809,
48.0612

■ 9.5645, 4.2183,
47.8877

■ 9.0774, 3.6313,
47.8000

Harmonies

Analogous

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



37.9448, 40.4418, 53.8896



39.6273, 40.4418, 53.2944



41.0287, 40.4418, 50.1257

Triad

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



39.6273, 40.4418, 53.2944



40.5106, 40.4418, 37.1687



35.3151, 40.4418, 42.6287

Complementary

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



39.6273, 40.4418, 53.2944



45.8839, 49.5222, 44.6774

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.



35.9601, 40.4418, 38.4575



39.6273, 40.4418, 53.2944



38.9369, 40.4418, 35.4602

Square

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



39.6273, 40.4418, 53.2944



41.5490, 40.4418, 40.7499



37.2741, 40.4418, 35.9141



35.4876, 40.4418, 47.4904

Rectangle

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



39.6273, 40.4418, 53.2944



41.5989, 40.4418, 47.0994



37.2741, 40.4418, 35.9141



35.4427, 40.4418, 41.1050

Sweetspot

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



39.6285, 40.4435, 53.2953



81.9450, 85.4967, 98.4098



43.3892, 48.0194, 54.3806



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.



39.6285, 40.4435, 53.2953



69.0093, 69.9104, 96.0831



41.6681, 41.4944, 53.3906



9.0166, 9.2255, 11.9777



6.1804, 2.4724, 32.5444



0.2421, 0.0969, 1.2748

Inverse Universe

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



42.0894, 41.9329, 43.4135



74.3157, 73.1219, 74.7752



43.6935, 48.3936, 44.5751



9.5302, 9.5364, 9.9153



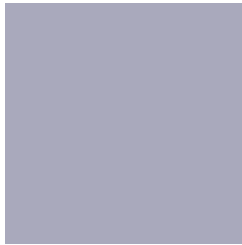
14.1203, 7.2793, 0.6613



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 39.6273, 40.4418, 53.2944 looks on a white background.

Color Contrast Check

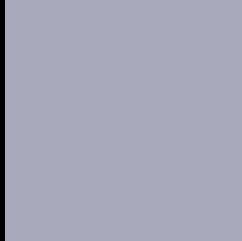
Large Text (above 18pt) WCAG AA × Fail

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 39.6273, 40.4418, 53.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

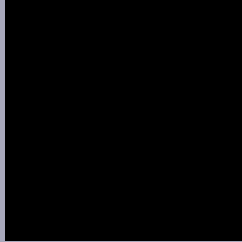
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6273, 40.4418, 53.2944

Background



This preview shows how black text looks on a background with the XYZ color 39.6273, 40.4418, 53.2944.



This preview shows how white text looks on a background with the XYZ color 39.6273, 40.4418,

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

39.6273, 40.4418, 53.2944

Protanopia

39.4135, 40.3316, 53.2844

Deuteranopia

41.4119, 40.5303, 53.7846



Tritanopia

39.0704, 40.4932, 50.5565

Trichromacy



Original Color

39.6273, 40.4418, 53.2944

Protanomaly

39.4135, 40.3316, 53.2844

Deuteranomaly

40.6832, 40.4255, 53.8028

Tritanomaly

39.2801, 40.5771, 51.6608

Monochromacy



Original Color

39.6273, 40.4418, 53.2944

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8881, 40.4698, 47.3568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6273, 40.4418, 53.2944 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(169, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 188)  
}
```

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(169, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 188) }
```

Border

The CSS property to change the border of an element to XYZ 39.6273, 40.4418, 53.2944 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(169, 169, 188) }
```


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

```
.border{ border-color:rgb(169, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6273, 40.4418, 53.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 188) }
```

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

```
.background{ background-color: rgb(169,  
169, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor