

Converting Colors

XYZ(39.1420, 40.7494, 53.6647)

Have a look what the booklet for
XYZ(39.1420, 40.7494, 53.6647)
contains.

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Color

**XYZ(39.2653, 40.7993,
53.9497)**

Conversions

Conversions Part 1

Format	Color
Hex	A5ABBD
RGB	165, 171, 189
RGB Percent	65%, 67%, 74%
CMY	0.3529, 0.3294, 0.2588
CMYK	0.13, 0.10, 0.00, 0.26
HSL	225°, 15%, 69%
HSV	225°, 13%, 74%
XYZ	39.2653, 40.7993, 53.9497
YIQ	171.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

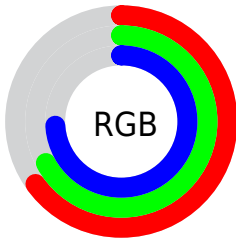
Format	Color
RYB	165, 170, 189
Decimal	10857405
CIELab	70.04, 1.55, -9.92
CIELCh	70, 10.044, 278.850
Yxy	40.7993, 0.2930, 0.3044
Android (android.graphics.Color)	4289047485 (0xFFA5ABBD)
YUV	171.2580, 8.7468, -5.4883
Hunter-Lab	63.8743, -2.0512, -5.3656

Details

The XYZ color **39.2653, 40.7993, 53.9497** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7116, 47.4022, 42.3912**, and the grayscale version is **38.8001, 40.8207, 44.4538**.

A 20% lighter version of the original color is **73.1930, 76.2009, 97.2368**, and **17.8508, 18.4819, 25.9191** is the 20% darker color. If you saturate the color by 10%, you get **33.0859, 33.8512, 52.9349**, and if you desaturate by 10%, it is **46.3152, 48.6245, 55.0892**.

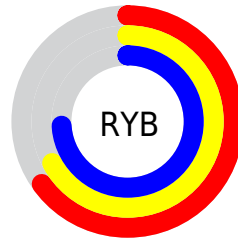
Distribution



Red (65%)

Green (67%)

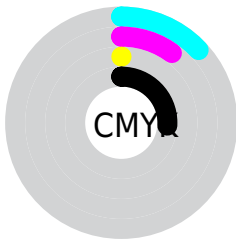
Blue (74%)



Red (65%)

Yellow (67%)

Blue (74%)

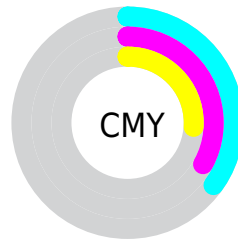


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (35%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2653, 40.7993, 53.9497 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 39.2653, 40.7993, 53.9497 by changing the saturation by 10% instead.

■ 39.2653, 40.7993,
53.9497

■ 39.2653, 40.7993,
53.9497

334.2049,
349.4811, 419.0874

■ 27.1478, 28.1623,
38.1685

■ 73.3349, 76.3791,
97.4560

■ 17.8214, 18.4480,
25.8107

■ 96.0178, 100.0907,
126.0183

■ 10.9208, 11.2721,
16.4576

122.9531,
128.2627, 159.6780

■ 6.0805, 6.2502,
9.6907

154.5063,
161.2794, 198.8538

■ 2.9352, 2.9978,
5.0914

191.0428,
199.5251, 243.9640

■ 1.1196, 1.1306,
2.2413

232.9278,

■ 0.0414, 0.0039,

243.3844, 295.4273

0.6981

280.5267,
293.2416, 353.6623

■ 0.0000, 0.0000,
0.0000

■ 39.2653, 40.7993,
53.9497

■ 39.2653, 40.7993,
53.9497

■ 33.0859, 33.8512,
52.9349

■ 46.3152, 48.6245,
55.0892

■ 27.7390, 27.7439,
52.0379

■ 54.2643, 57.3513,
56.3547

■ 23.1890, 22.4462,
51.2551

■ 63.1447, 67.0092,
57.7508

■ 19.3963, 17.9228,
50.5819

■ 72.9856, 77.6254,
59.2812

■ 16.3179, 14.1357,
50.0132

■ 82.1390, 88.3614,
60.8711

■ 13.9061, 11.0435,
49.5435

■ 86.1854, 96.4542,
62.2199

■ 12.1070, 8.6003,
49.1667

■ 10.8573, 6.7536,
48.8761

■ 10.2127, 5.7287,
48.7123

Harmonies

Analogous

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



37.6527, 40.7993, 53.3821



39.2653, 40.7993, 53.9497



40.7888, 40.7993, 51.8282

Triad

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



39.2653, 40.7993, 53.9497



41.2845, 40.7993, 39.0000



35.9135, 40.7993, 41.2466

Complementary

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



39.2653, 40.7993, 53.9497



44.7116, 47.4022, 42.3912

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.



36.8354, 40.7993, 37.7599



39.2653, 40.7993, 53.9497



39.9265, 40.7993, 36.5278

Square

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



39.2653, 40.7993, 53.9497



41.9759, 40.7993, 43.0496



38.2958, 40.7993, 36.0904



35.7478, 40.7993, 45.8263

Rectangle

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



39.2653, 40.7993, 53.9497



41.5381, 40.7993, 49.2567



38.2958, 40.7993, 36.0904



36.1440, 40.7993, 39.9173

Sweetspot

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



39.2665, 40.8010, 53.9506



81.1311, 85.0772, 98.3717



42.2211, 47.7976, 51.5831



17.2336, 18.0596, 21.1201



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.



39.2665, 40.8010, 53.9506



67.3666, 69.7635, 96.1413



39.3488, 39.1984, 53.6369



9.2052, 9.6027, 12.0405



6.9235, 3.9588, 32.7921



0.3251, 0.2630, 1.3025

Inverse Universe

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



41.7931, 40.6703, 44.1775



72.7205, 69.5508, 75.4173



44.6136, 49.2290, 42.7489



9.6254, 9.5745, 10.4165



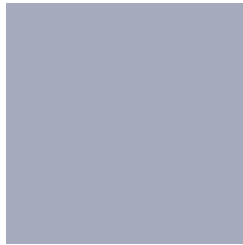
14.4955, 7.4293, 2.6367



0.5950, 0.3019, 0.2467

Previews

White Background



This preview shows how the XYZ color 39.2653, 40.7993, 53.9497 looks on a white background.

Color Contrast Check

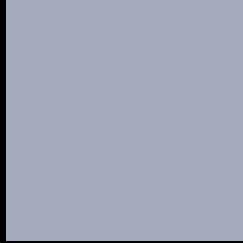
Large Text (above 18pt) WCAG AA × Fail

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 39.2653, 40.7993, 53.9497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

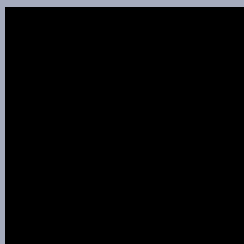
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

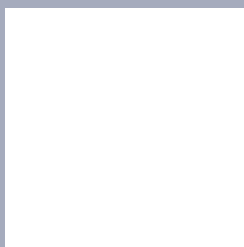
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2653, 40.7993, 53.9497

Background



This preview shows how black text looks on a background with the XYZ color 39.2653, 40.7993, 53.9497.



This preview shows how white text looks on a background with the XYZ color 39.2653, 40.7993,

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

39.2653, 40.7993, 53.9497

Protanopia

39.8140, 40.8153, 53.3567

Deuteranopia

41.5209, 40.5738, 54.3583



Tritanopia

38.8193, 40.9003, 51.7475

Trichromacy



Original Color

39.2653, 40.7993, 53.9497

Protanomaly

39.6003, 40.7051, 53.3467

Deuteranomaly

40.7525, 40.7216, 54.4274

Tritanomaly

38.9253, 40.9427, 52.3055

Monochromacy



Original Color

39.2653, 40.7993, 53.9497

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9610, 40.7752, 47.9364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2653, 40.7993, 53.9497 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(165, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 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(165, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.2653, 40.7993, 53.9497 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(165, 171, 189) }
```


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

```
.border{ border-color:rgb(165, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(165, 171,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2653, 40.7993, 53.9497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 171, 189) }
```

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

```
.background{ background-color: rgb(165,  
171, 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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