

Converting Colors

XYZ(39.7228, 39.0152, 59.2889)

Have a look what the booklet for
XYZ(39.7228, 39.0152, 59.2889)
contains.

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Color

**XYZ(39.7327, 38.9993,
59.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A4C7
RGB	168, 164, 199
RGB Percent	66%, 64%, 78%
CMY	0.3412, 0.3568, 0.2196
CMYK	0.16, 0.18, 0.00, 0.22
HSL	247°, 24%, 71%
HSV	247°, 18%, 78%
XYZ	39.7327, 38.9993, 59.4663
YIQ	169.1860, -8.8510, 11.7330

Conversions

Conversions Part 2

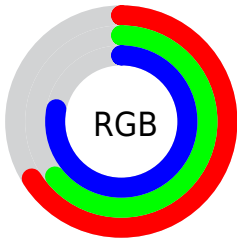
Format	Color
R_{YB}	168, 164, 199
Decimal	11052231
CIE _{Lab}	68.75, 8.55, -17.36
CIE _{LCh}	69, 19.352, 296.230
Yxy	38.9993, 0.2875, 0.2822
Android (android.graphics.Color)	4289242311 (0xFFA8A4C7)
YUV	169.1860, 14.6983, -1.0401
Hunter-Lab	62.4494, 4.2820, -12.7432

Details

The XYZ color **39.7327, 38.9993, 59.4663** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6313, 55.1303, 43.1492**, and the grayscale version is **37.7378, 39.7031, 43.2367**.

A 20% lighter version of the original color is **73.8129, 73.5710, 104.9180**, and **18.1075, 17.3457, 29.1817** is the 20% darker color. If you saturate the color by 10%, you get **32.9447, 30.6212, 58.2076**, and if you desaturate by 10%, it is **47.5891, 48.7573, 60.9363**.

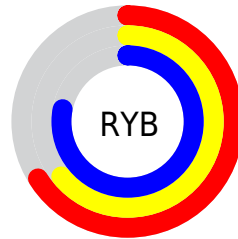
Distribution



Red (66%)

Green (64%)

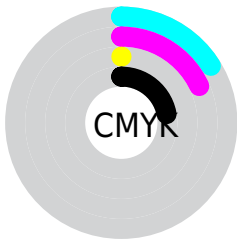
Blue (78%)



Red (66%)

Yellow (64%)

Blue (78%)

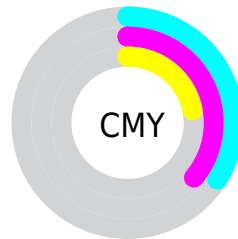


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7327, 38.9993, 59.4663 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 39.7327, 38.9993, 59.4663 by changing the saturation by 10% instead.

■ 39.7327, 38.9993,
59.4663

■ 39.7327, 38.9993,
59.4663

336.1494,
341.8875, 440.3777

■ 27.5135, 26.7592,
42.5661

■ 74.0432, 73.6372,
105.5909

■ 18.0978, 17.3924,
29.2160

■ 96.8653, 96.8039,
135.6523

■ 11.1203, 10.5147,
18.9973

123.9523,
124.3815, 170.9380

■ 6.2157, 5.7415,
11.4915

155.6696,
156.7544, 211.8663

■ 3.0186, 2.6886,
6.2801

192.3826,
194.3071, 258.8559

■ 1.1636, 0.9714,
2.9446

234.4567,

■ 0.0773, 0.0000,

237.4239, 312.3253

1.0664

282.2572,
286.4892, 372.6931

■ 0.0000, 0.0000,
0.0000

■ 39.7327, 38.9993,
59.4663

■ 39.7327, 38.9993,
59.4663

■ 32.9447, 30.6212,
58.2076

■ 47.5891, 48.7573,
60.9363

■ 27.1753, 23.5561,
57.1479

■ 56.5535, 59.9486,
62.6240

■ 22.3760, 17.7385,
56.2780

■ 66.6681, 72.6297,
64.5386

■ 18.4933, 13.0957,
55.5865

■ 77.9717, 86.8525,
66.6881

■ 15.4679, 9.5471,
55.0610

■ 87.3089, 96.9036,
68.1360

■ 13.2340, 7.0021,
54.6875

■ 11.7155, 5.3554,
54.4497

■ 10.8127, 4.4607,
54.3245

■ 10.6562, 4.3026,
54.3023

Harmonies

Analogous

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



36.6817, 38.9993, 61.6206



39.7327, 38.9993, 59.4663



42.1834, 38.9993, 52.5488

Triad

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



39.7327, 38.9993, 59.4663



40.4395, 38.9993, 29.9265



31.4948, 38.9993, 41.3639

Complementary

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



39.7327, 38.9993, 59.4663



49.6313, 55.1303, 43.1492

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.



32.3832, 38.9993, 33.7591



39.7327, 38.9993, 59.4663



37.4563, 38.9993, 27.7558

Square

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



39.7327, 38.9993, 59.4663



42.6070, 38.9993, 35.4350



34.5245, 38.9993, 29.0566



32.0305, 38.9993, 50.3651

Rectangle

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



39.7327, 38.9993, 59.4663



43.0886, 38.9993, 46.6072



34.5245, 38.9993, 29.0566



31.6355, 38.9993, 38.5732

Sweetspot

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



39.7339, 39.0009, 59.4672



87.0830, 90.0538, 107.4001



45.2472, 51.2717, 61.5451



18.4084, 18.9873, 22.9446



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.7339, 39.0009, 59.4672



64.9326, 62.5507, 103.2589



43.5932, 40.9904, 59.6478



10.1673, 10.3445, 13.3783



6.8904, 2.7864, 34.9190



0.3649, 0.1519, 1.6552

Inverse Universe

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



46.6803, 42.6348, 57.4007



79.3123, 70.0756, 98.8724



45.4856, 52.9931, 42.9552



11.0289, 10.7949, 13.1355



20.2220, 9.8384, 27.4425



0.9727, 0.4719, 1.3795

Previews

White Background



This preview shows how the XYZ color 39.7327, 38.9993, 59.4663 looks on a white background.

Color Contrast Check

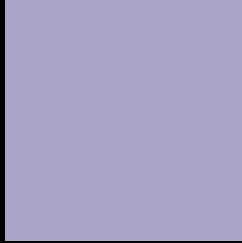
Large Text (above 18pt) WCAG AA × Fail

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 39.7327, 38.9993, 59.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

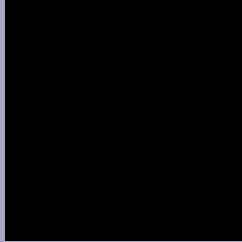
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7327, 38.9993, 59.4663

Background



This preview shows how black text looks on a background with the XYZ color 39.7327, 38.9993, 59.4663.



This preview shows how white text looks on a background with the XYZ color 39.7327, 38.9993,

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

39.7327, 38.9993, 59.4663

Protanopia

38.5587, 38.9162, 60.1229

Deuteranopia

39.9464, 39.1095, 59.4763



Tritanopia

37.5740, 38.9321, 48.7143

Trichromacy



Original Color

39.7327, 38.9993, 59.4663

Protanomaly

38.9847, 38.8669, 60.0909

Deuteranomaly

39.9464, 39.1095, 59.4763

Tritanomaly

38.3317, 38.9673, 52.5148

Monochromacy



Original Color

39.7327, 38.9993, 59.4663

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4191, 39.3677, 48.7538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7327, 38.9993, 59.4663 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, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(168, 164, 199)  
}
```

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, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 164, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.7327, 38.9993, 59.4663 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, 164, 199) }
```


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

```
.border{ border-color:rgb(168, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(168, 164,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7327, 38.9993, 59.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 164, 199) }
```

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

```
.background{ background-color: rgb(168,  
164, 199) }
```

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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