

Converting Colors

XYZ(39.4795, 39.7547, 63.4158)

Have a look what the booklet for
XYZ(39.4795, 39.7547, 63.4158)
contains.

XYZ(39.5193, 39.8866, 63.3736)	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(39.5193, 39.8866,
63.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A8CD
RGB	160, 168, 205
RGB Percent	63%, 66%, 80%
CMY	0.3725, 0.3412, 0.1961
CMYK	0.22, 0.18, 0.00, 0.20
HSL	229°, 31%, 72%
HSV	229°, 22%, 80%
XYZ	39.5193, 39.8866, 63.3736
YIQ	169.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

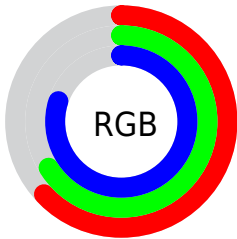
Format	Color
RYB	160, 167, 205
Decimal	10528973
CIELab	69.39, 5.13, -19.76
CIELCh	69, 20.419, 284.558
Yxy	39.8866, 0.2768, 0.2794
Android (android.graphics.Color)	4288719053 (0xFFA0A8CD)
YUV	169.8260, 17.3408, -8.6174
Hunter-Lab	63.1558, 1.1723, -15.2853

Details

The XYZ color **39.5193, 39.8866, 63.3736** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.4888, 55.4500, 41.2480**, and the grayscale version is **38.0452, 40.0265, 43.5889**.

A 20% lighter version of the original color is **72.4620, 74.4424, 105.1574**, and **18.0156, 17.9133, 31.7862** is the 20% darker color. If you saturate the color by 10%, you get **32.8416, 32.1212, 62.2273**, and if you desaturate by 10%, it is **47.2786, 48.8103, 64.6878**.

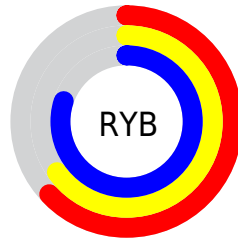
Distribution



Red (63%)

Green (66%)

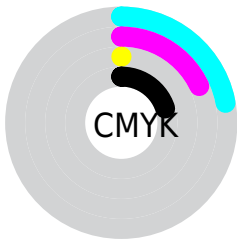
Blue (80%)



Red (63%)

Yellow (65%)

Blue (80%)

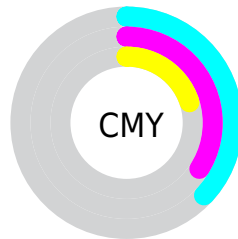


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5193, 39.8866, 63.3736 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 39.5193, 39.8866, 63.3736 by changing the saturation by 10% instead.

■ 39.5193, 39.8866,
63.3736

■ 39.5193, 39.8866,
63.3736

335.2626,
345.6454, 455.0693

■ 27.3465, 27.4501,
45.7006

■ 73.7200, 74.9908,
111.2991

■ 17.9715, 17.9116,
31.6626

■ 96.4785, 98.4273,
142.3887

■ 11.0291, 10.8865,
20.8413

123.4964,
126.2993, 178.7875

■ 6.1539, 5.9906,
12.8179

155.1389,
158.9912, 220.9141

■ 2.9804, 2.8394,
7.1740

191.7714,
196.8874, 269.1870

■ 1.1434, 1.0484,
3.4911

233.7593,

■ 0.0610, 0.0000,

240.3722, 324.0249

1.3505

281.4679,
289.8301, 385.8461

■ 0.0000, 0.0000,
0.1027

■ 0.0000, 0.0000,
0.0000

■ 39.5193, 39.8866,
63.3736

■ 39.5193, 39.8866,
63.3736

■ 32.8416, 32.1212,
62.2273

■ 47.2786, 48.8103,
64.6878

■ 27.1933, 25.4613,
61.2395

■ 56.1611, 58.9325,
66.1734

■ 22.5234, 19.8575,
60.4040

■ 66.2109, 70.2973,
67.8373

■ 18.7749, 15.2542,
59.7131

■ 77.4684, 82.9452,
69.6853

■ 15.8849, 11.5910,
59.1583

■ 87.1576, 95.4640,
71.5910

■ 13.7822, 8.8004,
58.7305

■ 88.0196, 97.1878,
71.8783

■ 12.3833, 6.8052,
58.4191

■ 11.6642, 5.6970,
58.2431

Harmonies

Analogous

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



36.2557, 39.8866, 63.2808



39.5193, 39.8866, 63.3736



42.5128, 39.8866, 57.6204

Triad

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



39.5193, 39.8866, 63.3736



42.5871, 39.8866, 31.9444



32.1484, 39.8866, 38.7937

Complementary

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



39.5193, 39.8866, 63.3736



51.4888, 55.4500, 41.2480

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.



33.6539, 39.8866, 31.7841



39.5193, 39.8866, 63.3736



39.6160, 39.8866, 28.2361

Square

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



39.5193, 39.8866, 63.3736



44.3521, 39.8866, 39.0439



36.3470, 39.8866, 28.1820



32.1258, 39.8866, 48.1323

Rectangle

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



39.5193, 39.8866, 63.3736



43.8992, 39.8866, 51.6647



36.3470, 39.8866, 28.1820



32.4938, 39.8866, 36.1199

Sweetspot

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



39.5206, 39.8882, 63.3745



84.2807, 87.7614, 107.1053



46.3788, 55.1568, 60.8759



17.8503, 18.5688, 22.8933



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.



39.5206, 39.8882, 63.3745



59.7295, 59.5357, 102.9512



41.1026, 38.5780, 63.0382



10.7604, 11.1612, 14.1576



7.3110, 3.6460, 36.2747



0.4277, 0.2892, 1.8882

Inverse Universe

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



44.8166, 40.9491, 42.5894



69.8556, 61.7193, 63.1746



49.6004, 57.2455, 41.6941



11.2924, 11.2457, 12.0745



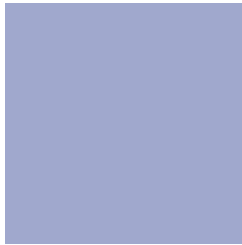
15.9012, 8.1711, 1.9323



0.8458, 0.4317, 0.2341

Previews

White Background



This preview shows how the XYZ color 39.5193, 39.8866, 63.3736 looks on a white background.

Color Contrast Check

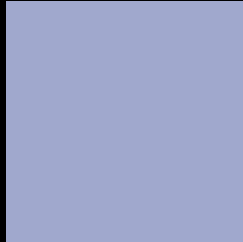
Large Text (above 18pt) WCAG AA × Fail

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 39.5193, 39.8866, 63.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

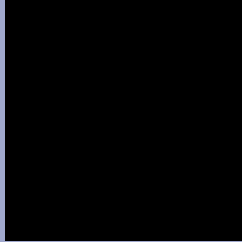
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5193, 39.8866, 63.3736

Background



This preview shows how black text looks on a background with the XYZ color 39.5193, 39.8866, 63.3736.



This preview shows how white text looks on a background with the XYZ color 39.5193, 39.8866,

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

39.5193, 39.8866, 63.3736

Protanopia

39.7200, 39.9901, 63.3830

Deuteranopia

40.8041, 40.0050, 63.3287



Tritanopia

37.0302, 39.6965, 51.6094

Trichromacy



Original Color

39.5193, 39.8866, 63.3736

Protanomaly

39.7200, 39.9901, 63.3830

Deuteranomaly

40.3552, 40.0445, 63.3600

Tritanomaly

37.7938, 39.7233, 55.5446

Monochromacy



Original Color

39.5193, 39.8866, 63.3736

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4611, 39.9018, 50.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5193, 39.8866, 63.3736 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(160, 168, 205)` looks like.

```
.text, #text, p{  
    color:rgb(160, 168, 205)  
}
```

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(160, 168, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 168, 205) }
```

Border

The CSS property to change the border of an element to XYZ 39.5193, 39.8866, 63.3736 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(160, 168, 205) }
```


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

```
.border{ border-color:rgb(160, 168, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 168, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 168, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 168, 205);  
box-shadow:4px 4px 4px 4px rgb(160, 168,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5193, 39.8866, 63.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 168, 205) }
```

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

```
.background{ background-color: rgb(160,  
168, 205) }
```

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