

Converting Colors

XYZ(35.4727, 39.4631, 39.5280)

Have a look what the booklet for
XYZ(35.4727, 39.4631, 39.5280)
contains.

XYZ(35.4836, 39.4492, 39.4625)	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(35.4836, 39.4492,
39.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	9FACA1
RGB	159, 172, 161
RGB Percent	62%, 67%, 63%
CMY	0.3765, 0.3255, 0.3686
CMYK	0.08, 0.00, 0.06, 0.33
HSL	129°, 7%, 65%
HSV	129°, 8%, 67%
XYZ	35.4836, 39.4492, 39.4625
YIQ	166.8590, -4.2170, -6.1770

Conversions

Conversions Part 2

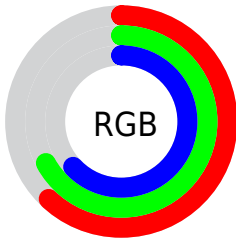
Format	Color
RYB	159, 170, 172
Decimal	10464417
CIELab	69.08, -6.68, 4.09
CIELCh	69, 7.830, 148.539
Yxy	39.4492, 0.3102, 0.3448
Android (android.graphics.Color)	4288654497 (0xFF9FACA1)
YUV	166.8590, -2.8885, -6.8923
Hunter-Lab	62.8086, -9.0718, 6.7142

Details

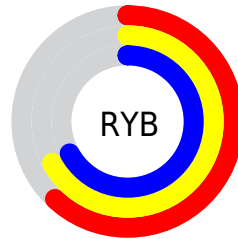
The XYZ color **35.4836, 39.4492, 39.4625** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6685, 36.4701, 43.1388**, and the grayscale version is **36.6780, 38.5881, 42.0224**.

A 20% lighter version of the original color is **67.5953, 74.1922, 75.7236**, and **15.7153, 17.7469, 17.3491** is the 20% darker color. If you saturate the color by 10%, you get **31.0976, 37.3290, 32.9430**, and if you desaturate by 10%, it is **40.4959, 41.8772, 46.7929**.

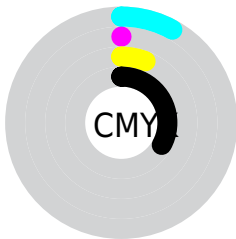
Distribution



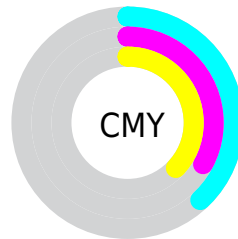
- Red (62%)
- Green (67%)
- Blue (63%)



- Red (62%)
- Yellow (67%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4836, 39.4492, 39.4625 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 35.4836, 39.4492, 39.4625 by changing the saturation by 10% instead.

■ 35.4836, 39.4492,
39.4625

■ 35.4836, 39.4492,
39.4625

318.1685,
343.7965, 359.3374

■ 24.2039, 27.1094,
26.8091

■ 67.5634, 74.3240,
75.5724

■ 15.6105, 17.6554,
17.1987

■ 89.0941, 97.6278,
99.8661

■ 9.3380, 10.7028,
10.2128

114.7726,
125.3551, 128.8769

■ 5.0212, 5.8674,
5.4329

144.9642,
157.8901, 163.0234

■ 2.2946, 2.7646,
2.4403

180.0342,
195.6174, 202.7242

■ 0.7919, 1.0101,
0.8082

220.3481,

■ 0.0000, 0.0000,

238.9213, 248.3977

0.0000

266.2711,
288.1862, 300.4626

■ 35.4836, 39.4492,
39.4625

■ 35.4836, 39.4492,
39.4625

■ 31.0976, 37.3290,
32.9430

■ 40.4959, 41.8772,
46.7929

■ 27.3100, 35.4996,
27.2040

■ 46.1545, 44.6194,
54.9580

■ 24.0957, 33.9496,
22.2171

■ 52.4824, 47.6884,
63.9840

■ 21.4265, 32.6652,
17.9510

■ 59.5006, 51.0943,
73.8949

■ 19.2719, 31.6314,
14.3723

■ 67.2292, 54.8471,
84.7140

■ 17.5981, 30.8316,
11.4450

■ 72.9874, 57.5642,
96.3374

■ 16.3674, 30.2472,
9.1298

■ 74.0433, 57.9866,
101.8978

■ 15.5364, 29.8566,
7.3832

■ 15.0403, 29.6275,
6.1551

Harmonies

Analogous

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



36.3594, 39.4492, 37.1896



35.4836, 39.4492, 39.4625



35.1451, 39.4492, 42.7784

Triad

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



35.4836, 39.4492, 39.4625



37.4341, 39.4492, 50.2034



39.6451, 39.4492, 39.7502

Complementary

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



35.4836, 39.4492, 39.4625



36.6685, 36.4701, 43.1388

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.



39.9480, 39.4492, 43.1290



35.4836, 39.4492, 39.4625



38.6545, 39.4492, 49.2841

Square

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



35.4836, 39.4492, 39.4625



36.2557, 39.4492, 49.0922



39.5816, 39.4492, 46.6445



38.7628, 39.4492, 37.3491

Rectangle

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



35.4836, 39.4492, 39.4625



35.2639, 39.4492, 45.1779



39.5816, 39.4492, 46.6445



39.8189, 39.4492, 40.8032

Sweetspot

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



35.4847, 39.4509, 39.4634



69.2501, 73.9278, 78.7488



37.6005, 40.5619, 38.6488



15.0721, 16.0771, 17.1468



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.4847, 39.4509, 39.4634



63.0216, 70.9130, 69.5970



36.0686, 39.6844, 42.5380



7.9529, 8.9587, 8.7768



11.1344, 22.0190, 4.4815



0.3247, 0.6185, 0.2037

Inverse Universe

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



36.6685, 36.4701, 43.1388



65.5962, 64.4302, 77.5905



36.0729, 36.2319, 40.0024



8.2833, 8.1266, 9.8028



16.5113, 8.0671, 20.8698



0.4734, 0.2300, 0.6545

Previews

White Background



This preview shows how the XYZ color 35.4836, 39.4492, 39.4625 looks on a white background.

Color Contrast Check

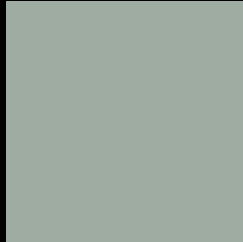
Large Text (above 18pt) WCAG AA × Fail

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 35.4836, 39.4492, 39.4625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

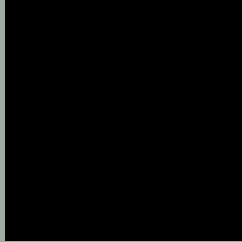
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

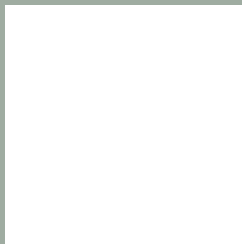
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4836, 39.4492, 39.4625

Background



This preview shows how black text looks on a background with the XYZ color 35.4836, 39.4492, 39.4625.



This preview shows how white text looks on a background with the XYZ color 35.4836, 39.4492,

39.4625.

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

35.4836, 39.4492, 39.4625

Protanopia

37.7162, 39.5071, 38.4387

Deuteranopia

40.2016, 39.4035, 40.1371



Tritanopia

37.5318, 39.4347, 49.8895

Trichromacy



Original Color

35.4836, 39.4492, 39.4625

Protanomaly

36.8953, 39.3490, 38.9082

Deuteranomaly

38.2893, 39.2282, 39.7362

Tritanomaly

36.7126, 39.3825, 45.7110

Monochromacy



Original Color

35.4836, 39.4492, 39.4625

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2893, 38.9851, 41.2095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4836, 39.4492, 39.4625 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(159, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 161)  
}
```

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(159, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.4836, 39.4492, 39.4625 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(159, 172, 161) }
```


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

```
.border{ border-color:rgb(159, 172, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4836, 39.4492, 39.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 161) }
```

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

```
.background{ background-color: rgb(159,  
172, 161) }
```

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