

Converting Colors

XYZ(35.3085, 39.0086, 37.4459)

Have a look what the booklet for
XYZ(35.3085, 39.0086, 37.4459)
contains.

XYZ(35.3467, 39.1372, 37.5896)	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(35.3467, 39.1372,
37.5896)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AB9D
RGB	161, 171, 157
RGB Percent	63%, 67%, 62%
CMY	0.3686, 0.3294, 0.3843
CMYK	0.06, 0.00, 0.08, 0.33
HSL	103°, 8%, 64%
HSV	103°, 8%, 67%
XYZ	35.3467, 39.1372, 37.5896
YIQ	166.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

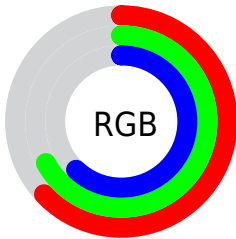
Format	Color
RYB	157, 171, 167
Decimal	10595229
CIELab	68.85, -6.17, 5.99
CIElCh	69, 8.603, 135.857
Yxy	39.1372, 0.3154, 0.3492
Android (android.graphics.Color)	4288785309 (0xFFA1AB9D)
YUV	166.4140, -4.6411, -4.7481
Hunter-Lab	62.5597, -8.6257, 8.1669

Details

The XYZ color **35.3467, 39.1372, 37.5896** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3455, 35.2708, 43.4751**, and the grayscale version is **36.4691, 38.3683, 41.7831**.

A 20% lighter version of the original color is **67.3989, 73.7451, 72.9693**, and **15.5050, 17.4855, 16.1935** is the 20% darker color. If you saturate the color by 10%, you get **31.6453, 37.3873, 30.3213**, and if you desaturate by 10%, it is **39.4952, 41.0963, 45.9472**.

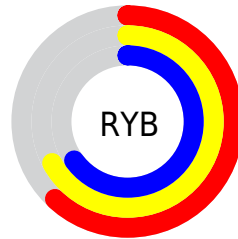
Distribution



Red (63%)

Green (67%)

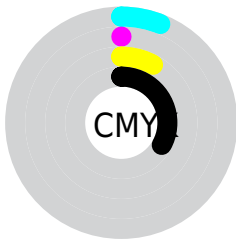
Blue (62%)



Red (62%)

Yellow (67%)

Blue (65%)

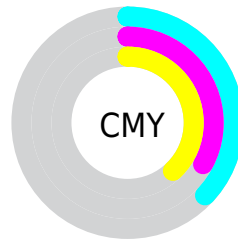


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3467, 39.1372, 37.5896 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 35.3467, 39.1372, 37.5896 by changing the saturation by 10% instead.

■ 35.3467, 39.1372,
37.5896

■ 35.3467, 39.1372,
37.5896

317.5773,
342.4735, 351.1014

■ 24.0978, 26.8665,
25.3650

■ 67.3530, 73.8479,
72.6751

■ 15.5313, 17.4730,
16.1277

■ 88.8411, 97.0566,
96.3730

■ 9.2819, 10.5723,
9.4592

114.4731,
124.6801, 124.7325

■ 4.9841, 5.7800,
4.9410

144.6142,
157.1028, 158.1720

■ 2.2726, 2.7118,
2.1546

179.6298,
194.7091, 197.1101

■ 0.7806, 0.9832,
0.6480

219.8853,

■ 0.0000, 0.0000,

237.8834, 241.9654

0.0000

265.7460,
287.0100, 293.1563

■ 35.3467, 39.1372,
37.5896

■ 35.3467, 39.1372,
37.5896

■ 31.6453, 37.3873,
30.3213

■ 39.4952, 41.0963,
45.9472

■ 28.3725, 35.8345,
24.0949

■ 44.1020, 43.2660,
55.4337

■ 25.5131, 34.4732,
18.8634

■ 49.1822, 45.6543,
66.0899

■ 23.0498, 33.2957,
14.5752

■ 54.7489, 48.2672,
77.9537

■ 20.9641, 32.2936,
11.1740

■ 60.8149, 51.1105,
91.0614

■ 19.2358, 31.4579,
8.5975

■ 66.6423, 53.8897,
101.4971

■ 17.8426, 30.7785,
6.7754

■ 70.7991, 56.0326,
101.6916

■ 16.7593, 30.2444,
5.6256

■ 73.8537, 57.6073,
101.8346

■ 15.9489, 29.8395,
5.0080

Harmonies

Analogous

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



36.4861, 39.1372, 35.7836



35.3467, 39.1372, 37.5896



34.7110, 39.1372, 40.8031

Triad

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



35.3467, 39.1372, 37.5896



36.5610, 39.1372, 50.3270



39.7813, 39.1372, 40.5925

Complementary

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



35.3467, 39.1372, 37.5896



35.3455, 35.2708, 43.4751

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.



39.8026, 39.1372, 44.4772



35.3467, 39.1372, 37.5896



37.9206, 39.1372, 50.2621

Square

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



35.3467, 39.1372, 37.5896



35.4004, 39.1372, 48.2392



39.1144, 39.1372, 48.0668



39.0570, 39.1372, 37.4436

Rectangle

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



35.3467, 39.1372, 37.5896



34.6481, 39.1372, 43.3855



39.1144, 39.1372, 48.0668



39.8715, 39.1372, 41.8512

Sweetspot

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



35.3478, 39.1389, 37.5905



67.7770, 72.2047, 76.2923



36.6641, 38.6581, 37.4283



15.1333, 16.1108, 17.0514



82.5889, 86.8899, 94.6231



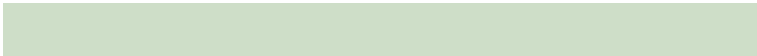
15.4596, 16.2647, 17.7123

Same Dimension

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



35.3478, 39.1389, 37.5905



61.9219, 69.4395, 64.5781



34.7964, 38.8267, 38.8273



8.1114, 9.0460, 8.5319



11.9736, 22.4697, 3.7060



0.3875, 0.6531, 0.1056

Inverse Universe

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



35.3455, 35.2708, 43.4751



61.9166, 60.9443, 77.5019



35.9395, 35.6075, 42.1240



8.1108, 8.0314, 10.0754



11.6618, 5.3718, 29.4667



0.3746, 0.1753, 0.8221

Previews

White Background



This preview shows how the XYZ color 35.3467, 39.1372, 37.5896 looks on a white background.

Color Contrast Check

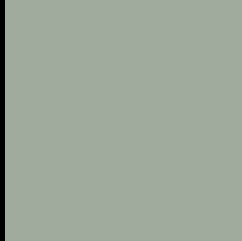
Large Text (above 18pt) WCAG AA × Fail

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 35.3467, 39.1372, 37.5896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

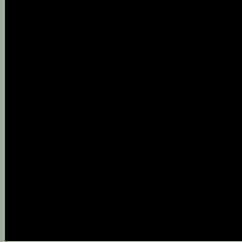
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3467, 39.1372, 37.5896

Background



This preview shows how black text looks on a background with the XYZ color 35.3467, 39.1372, 37.5896.



This preview shows how white text looks on a background with the XYZ color 35.3467, 39.1372,

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

35.3467, 39.1372, 37.5896

Protanopia

37.1907, 39.0027, 36.5785

Deuteranopia

39.6719, 38.9087, 38.2201



Tritanopia

37.8602, 39.3408, 49.3141

Trichromacy



Original Color

35.3467, 39.1372, 37.5896

Protanomaly

36.3656, 38.8406, 37.0328

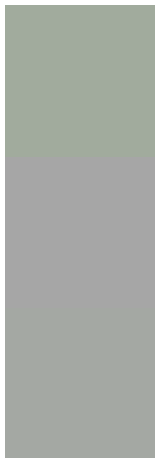
Deuteranomaly

37.9868, 38.8439, 37.8432

Tritanomaly

36.9442, 39.2470, 44.6580

Monochromacy



Original Color

35.3467, 39.1372, 37.5896

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9233, 38.5421, 40.1963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3467, 39.1372, 37.5896 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(161, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 157)  
}
```

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(161, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.3467, 39.1372, 37.5896 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(161, 171, 157) }
```


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

```
.border{ border-color:rgb(161, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 157);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3467, 39.1372, 37.5896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 157) }
```

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

```
.background{ background-color: rgb(161,  
171, 157) }
```

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