

Converting Colors

XYZ(36.9898, 39.1195, 35.5618)

Have a look what the booklet for
XYZ(36.9898, 39.1195, 35.5618)
contains.

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Color

**XYZ(36.9860, 39.1894,
35.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA899
RGB	173, 168, 153
RGB Percent	68%, 66%, 60%
CMY	0.3216, 0.3412, 0.4000
CMYK	0.00, 0.03, 0.12, 0.32
HSL	45°, 11%, 64%
HSV	45°, 12%, 68%
XYZ	36.9860, 39.1894, 35.7519
YIQ	167.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

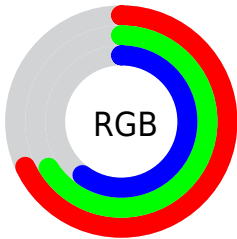
Format	Color
RYB	160, 173, 153
Decimal	11380889
CIELab	68.89, -0.86, 8.38
CIElCh	69, 8.425, 95.866
Yxy	39.1894, 0.3304, 0.3501
Android (android.graphics.Color)	4289570969 (0xFFADA899)
YUV	167.7850, -7.2890, 4.5736
Hunter-Lab	62.6014, -4.0917, 9.9603

Details

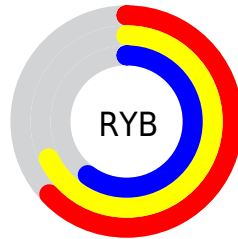
The XYZ color **36.9860, 39.1894, 35.7519** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9065, 34.2426, 44.4107**, and the grayscale version is **37.1468, 39.0814, 42.5596**.

A 20% lighter version of the original color is **69.6451, 73.7743, 69.6007**, and **16.5288, 17.5150, 15.0800** is the 20% darker color. If you saturate the color by 10%, you get **34.8751, 37.0907, 28.5024**, and if you desaturate by 10%, it is **39.3328, 41.4275, 44.1031**.

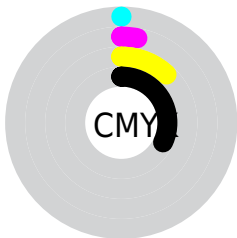
Distribution



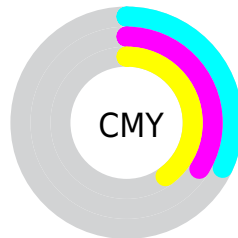
- Red (68%)
- Green (66%)
- Blue (60%)



- Red (63%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (32%)





- Cyan (32%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9860, 39.1894, 35.7519 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 36.9860, 39.1894, 35.7519 by changing the saturation by 10% instead.


 36.9860, 39.1894,
35.7519


 36.9860, 39.1894,
35.7519


324.6065,
342.6951, 342.8794

 25.3703, 26.9071,
23.9545


 69.8652, 73.9276,
69.8137

 16.4833, 17.5035,
15.0880

 91.8594, 97.1522,
92.9151

 9.9598, 10.5941,
8.7338


118.0439,
124.7931, 120.6216

 5.4344, 5.7946,
4.4735

148.7838,
157.2347, 153.3518

 2.5417, 2.7206,
1.8886

184.4447,
194.8612, 191.5241

 0.9163, 0.9877,
0.4854

225.3919,

 0.0000, 0.0000,

238.0572, 235.5571

0.0000

271.9907,
287.2070, 285.8694

■ 36.9860, 39.1894,
35.7519

■ 36.9860, 39.1894,
35.7519

■ 34.8751, 37.0907,
28.5024

■ 39.3328, 41.4275,
44.1031

■ 32.9878, 35.1221,
22.3054

■ 41.9208, 43.8037,
53.5975

■ 31.3153, 33.2811,
17.1113

■ 44.7593, 46.3232,
64.2775

■ 29.8471, 31.5631,
12.8658

■ 47.8560, 48.9897,
76.1827

■ 28.5716, 29.9629,
9.5095

■ 51.2182, 51.8065,
89.3506

■ 27.4760, 28.4750,
6.9761

■ 54.5616, 54.6600,
102.2825

■ 26.5456, 27.0931,
5.1898

■ 55.5373, 56.6113,
102.6077

■ 25.7633, 25.8098,
4.0611

■ 56.5411, 58.6189,
102.9423

■ 25.1870, 24.7909,
3.4576

■ 57.5733, 60.6835,
103.2864

Harmonies

Analogous

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



38.3103, 39.1894, 36.2928



36.9860, 39.1894, 35.7519



35.7611, 39.1894, 36.9731

Triad

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



36.9860, 39.1894, 35.7519



35.2018, 39.1894, 47.1353



39.6462, 39.1894, 45.7551

Complementary

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



36.9860, 39.1894, 35.7519



32.9065, 34.2426, 44.4107

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.



38.7763, 39.1894, 48.9253



36.9860, 39.1894, 35.7519



36.2062, 39.1894, 49.7550

Square

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



36.9860, 39.1894, 35.7519



34.7469, 39.1894, 43.4282



37.5119, 39.1894, 50.4288



39.8670, 39.1894, 41.9219

Rectangle

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



36.9860, 39.1894, 35.7519



35.1589, 39.1894, 38.6677



37.5119, 39.1894, 50.4288



39.4190, 39.1894, 46.9406

Sweetspot

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



36.9871, 39.1911, 35.7527



69.7885, 73.5807, 76.6264



34.7969, 34.1359, 37.1032



15.0921, 15.9205, 16.3847



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.



36.9871, 39.1911, 35.7527



65.1858, 69.1554, 60.3554



36.8423, 40.5124, 36.0154



8.4907, 8.9862, 8.5004



18.5504, 18.3063, 2.5558



0.5560, 0.5892, 0.0844

Inverse Universe

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



32.9065, 34.2426, 44.4107



56.3448, 58.4343, 79.1150



33.0351, 33.0693, 44.1775



7.7354, 8.0703, 10.1027



6.2213, 3.5766, 29.4070



0.2164, 0.1861, 0.8325

Previews

White Background



This preview shows how the XYZ color 36.9860, 39.1894, 35.7519 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 36.9860, 39.1894, 35.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

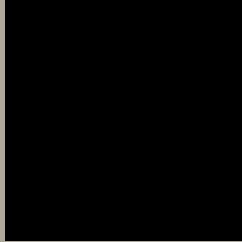
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

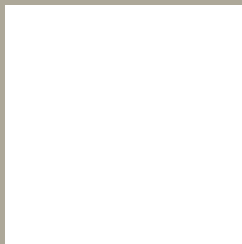
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9860, 39.1894, 35.7519

Background



This preview shows how black text looks on a background with the XYZ color 36.9860, 39.1894, 35.7519.



This preview shows how white text looks on a background with the XYZ color 36.9860, 39.1894,

35.7519.

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

36.9860, 39.1894, 35.7519

Protanopia

37.2477, 39.0513, 35.7115

Deuteranopia

39.7393, 38.9926, 36.0037



Tritanopia

39.1158, 38.9554, 47.0525

Trichromacy



Original Color

36.9860, 39.1894, 35.7519

Protanomaly

37.0240, 38.9360, 35.7010

Deuteranomaly

38.6366, 38.9513, 36.0538

Tritanomaly

38.2022, 38.8514, 42.5314

Monochromacy



Original Color

36.9860, 39.1894, 35.7519

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1911, 39.1957, 40.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9860, 39.1894, 35.7519 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(173, 168, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 153)  
}
```

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(173, 168, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.9860, 39.1894, 35.7519 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(173, 168, 153) }
```


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

```
.border{ border-color:rgb(173, 168, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9860, 39.1894, 35.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 153) }
```

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

```
.background{ background-color: rgb(173,  
168, 153) }
```

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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