

Converting Colors

XYZ(36.9387, 39.0096, 35.7016)

Have a look what the booklet for
XYZ(36.9387, 39.0096, 35.7016)
contains.

XYZ(36.8021, 38.8216, 35.6906)	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(36.8021, 38.8216,
35.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA799
RGB	173, 167, 153
RGB Percent	68%, 65%, 60%
CMY	0.3216, 0.3451, 0.4000
CMYK	0.00, 0.03, 0.12, 0.32
HSL	42°, 11%, 64%
HSV	42°, 12%, 68%
XYZ	36.8021, 38.8216, 35.6906
YIQ	167.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

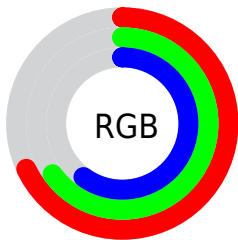
Format	Color
R_{YB}	162, 173, 153
Decimal	11380633
CIE Lab	68.62, -0.32, 8.00
CIE LCh	69, 8.007, 92.282
Yxy	38.8216, 0.3306, 0.3488
Android (android.graphics.Color)	4289570713 (0xFFADA799)
YUV	167.1980, -6.9996, 5.0884
Hunter-Lab	62.3070, -3.6048, 9.6525

Details

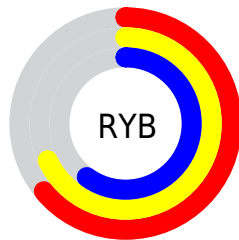
The XYZ color **36.8021, 38.8216, 35.6906** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0778, 34.5851, 44.4678**, and the grayscale version is **36.8583, 38.7778, 42.2290**.

A 20% lighter version of the original color is **69.3787, 73.2415, 69.5119**, and **16.4142, 17.2857, 15.0417** is the 20% darker color. If you saturate the color by 10%, you get **34.5446, 36.4297, 28.3923**, and if you desaturate by 10%, it is **39.3070, 41.3760, 44.0945**.

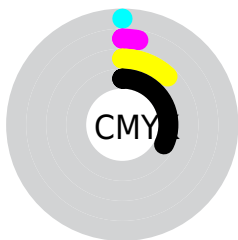
Distribution



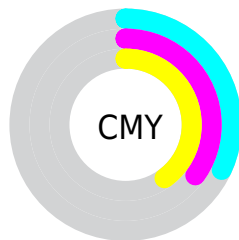
- Red (68%)
- Green (65%)
- Blue (60%)



- Red (64%)
- Yellow (68%)
- Blue (60%)



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



- Cyan (32%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8021, 38.8216, 35.6906 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 36.8021, 38.8216, 35.6906 by changing the saturation by 10% instead.

■ 36.8021, 38.8216,
35.6906

■ 36.8021, 38.8216,
35.6906

323.8234,
341.1314, 342.6026

■ 25.2273, 26.6210,
23.9075

■ 69.5841, 73.3657,
69.7179

■ 16.3761, 17.2888,
15.0535

■ 91.5220, 96.4780,
92.7992

■ 9.8832, 10.4406,
8.7099

117.6450,
123.9962, 120.4837

■ 5.3833, 5.6920,
4.4582

148.3184,
156.3049, 153.1899

■ 2.5109, 2.6587,
1.8799

183.9076,
193.7884, 191.3364

■ 0.9008, 0.9563,
0.4799

224.7779,

■ 0.0000, 0.0000,

236.8310, 235.3416

0.0000

271.2947,
285.8172, 285.6242

■ 36.8021, 38.8216,
35.6906

■ 36.8021, 38.8216,
35.6906

■ 34.5446, 36.4297,
28.3923

■ 39.3070, 41.3760,
44.0945

■ 32.5222, 34.1908,
22.1501

■ 42.0650, 44.0921,
53.6455

■ 30.7257, 32.1020,
16.9147

■ 45.0854, 46.9755,
64.3862

■ 29.1446, 30.1580,
12.6317

■ 48.3761, 50.0300,
76.3560

■ 27.7670, 28.3536,
9.2413

■ 51.9447, 53.2594,
89.5928

■ 26.5799, 26.6827,
6.6774

■ 55.5069, 56.5507,
102.5976

■ 25.5684, 25.1387,
4.8641

■ 56.7140, 58.9648,
102.9999

■ 24.7152, 23.7137,
3.7117

■ 57.9621, 61.4610,
103.4160

■ 24.0869, 22.5906,
3.0909

■ 59.2516, 64.0400,
103.8458

Harmonies

Analogous

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



38.0406, 38.8216, 36.4038



36.8021, 38.8216, 35.6906



35.6161, 38.8216, 36.6552

Triad

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



36.8021, 38.8216, 35.6906



34.8822, 38.8216, 46.0970



39.0920, 38.8216, 45.5904

Complementary

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



36.8021, 38.8216, 35.6906



33.0778, 34.5851, 44.4678

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.



38.2119, 38.8216, 48.4310



36.8021, 38.8216, 35.6906



35.7800, 38.8216, 48.7351

Square

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



36.8021, 38.8216, 35.6906



34.5235, 38.8216, 42.5478



36.9956, 38.8216, 49.6123



39.3805, 38.8216, 41.9936

Rectangle

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



36.8021, 38.8216, 35.6906



35.0097, 38.8216, 38.1539



36.9956, 38.8216, 49.6123



38.8546, 38.8216, 46.6723

Sweetspot

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



36.8032, 38.8233, 35.6914



69.6988, 73.4013, 76.5965



34.8833, 34.1704, 37.5584



15.0676, 15.8716, 16.3765



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.



36.8032, 38.8233, 35.6914



64.7839, 68.3517, 60.2214



37.0560, 40.6226, 36.0254



8.4569, 8.9186, 8.4891



17.7469, 16.6994, 2.2879



0.5385, 0.5542, 0.0786

Inverse Universe

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



33.0778, 34.5851, 44.4678



56.7125, 59.1696, 79.2376



32.8392, 32.9682, 44.1683



7.7674, 8.1341, 10.1134



6.4839, 4.1017, 29.4945



0.2288, 0.2110, 0.8367

Previews

White Background



This preview shows how the XYZ color 36.8021, 38.8216, 35.6906 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 36.8021, 38.8216, 35.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

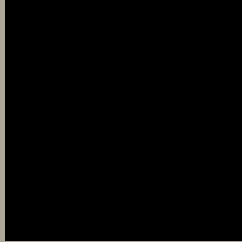
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8021, 38.8216, 35.6906

Background



This preview shows how black text looks on a background with the XYZ color 36.8021, 38.8216, 35.6906.



This preview shows how white text looks on a background with the XYZ color 36.8021, 38.8216,

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

36.8021, 38.8216, 35.6906

Protanopia

37.0240, 38.9360, 35.7010

Deuteranopia

39.3166, 38.5142, 35.9336



Tritanopia

39.0164, 38.9156, 46.5294

Trichromacy



Original Color

36.8021, 38.8216, 35.6906

Protanomaly

37.0240, 38.9360, 35.7010

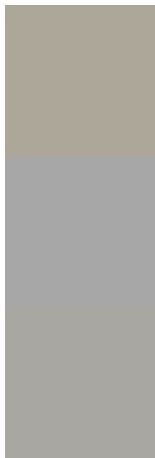
Deuteranomaly

38.4584, 38.5948, 35.9944

Tritanomaly

38.2022, 38.8514, 42.5314

Monochromacy



Original Color

36.8021, 38.8216, 35.6906

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.7025, 38.6811, 39.7142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8021, 38.8216, 35.6906 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, 167, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 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, 167, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.8021, 38.8216, 35.6906 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, 167, 153) }
```


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

```
.border{ border-color:rgb(173, 167, 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, 167, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8021, 38.8216, 35.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 153) }
```

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

```
.background{ background-color: rgb(173,  
167, 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](#).

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