

Converting Colors

XYZ(35.7069, 39.9602, 36.4947)

Have a look what the booklet for
XYZ(35.7069, 39.9602, 36.4947)
contains.

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Color

**XYZ(35.6766, 39.9016,
36.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AD9A
RGB	162, 173, 154
RGB Percent	64%, 68%, 60%
CMY	0.3647, 0.3216, 0.3961
CMYK	0.06, 0.00, 0.11, 0.32
HSL	95°, 10%, 64%
HSV	95°, 11%, 68%
XYZ	35.6766, 39.9016, 36.3933
YIQ	167.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

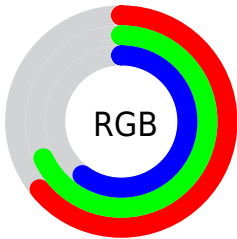
Format	Color
RYB	154, 173, 165
Decimal	10661274
CIELab	69.40, -7.42, 8.44
CIELCh	69, 11.242, 131.328
Yxy	39.9016, 0.3186, 0.3564
Android (android.graphics.Color)	4288851354 (0xFFA2AD9A)
YUV	167.5450, -6.6777, -4.8630
Hunter-Lab	63.1677, -9.7282, 10.0582

Details

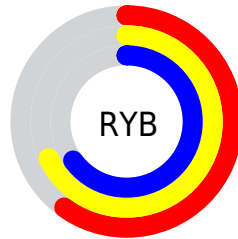
The XYZ color **35.6766, 39.9016, 36.3933** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6170, 34.1288, 44.3002**, and the grayscale version is **37.0293, 38.9577, 42.4249**.

A 20% lighter version of the original color is **67.7438, 74.7926, 70.5404**, and **15.7160, 17.9690, 15.4720** is the 20% darker color. If you saturate the color by 10%, you get **32.3841, 38.3601, 29.2520**, and if you desaturate by 10%, it is **39.3411, 41.6132, 44.6377**.

Distribution



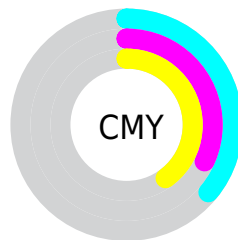
- Red (64%)
- Green (68%)
- Blue (60%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)





- Cyan (36%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6766, 39.9016, 36.3933 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 35.6766, 39.9016, 36.3933 by changing the saturation by 10% instead.


 35.6766, 39.9016,
36.3933


 35.6766, 39.9016,
36.3933


319.0008,
345.7087, 345.7656

 24.3535, 27.4618,
24.4460

 67.8598, 75.0137,
70.8145

 15.7222, 17.9204,
15.4495


 89.4505, 98.4547,
94.1256

 9.4174, 10.8928,
8.9854


115.1945,
126.3317, 122.0616

 5.0737, 5.9948,
4.6350

145.4571,
159.0289, 155.0412

 2.3258, 2.8419,
1.9798

180.6037,
196.9309, 193.4828

 0.8078, 1.0498,
0.5428

220.9996,

 0.0000, 0.0000,

240.4219, 237.8051

0.0000

267.0102,
289.8863, 288.4265

■ 35.6766, 39.9016,
36.3933

■ 35.6766, 39.9016,
36.3933

■ 32.3841, 38.3601,
29.2520

■ 39.3411, 41.6132,
44.6377

■ 29.4477, 36.9780,
23.1646

■ 43.3864, 43.4950,
54.0267

■ 26.8553, 35.7514,
18.0817

■ 47.8248, 45.5536,
64.6026

■ 24.5924, 34.6739,
13.9493

■ 52.6673, 47.7938,
76.4049

■ 22.6436, 33.7391,
10.7079

■ 57.9243, 50.2201,
89.4713

■ 20.9921, 32.9394,
8.2917

■ 63.1509, 52.6550,
101.4428

■ 19.6190, 32.2670,
6.6255

■ 66.3131, 54.2851,
101.5907

■ 18.5025, 31.7125,
5.6206

■ 69.6606, 56.0108,
101.7474

■ 17.6791, 31.2985,
5.1094

■ 73.1965, 57.8337,
101.9129

Harmonies

Analogous

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



37.2468, 39.9016, 34.4006



35.6766, 39.9016, 36.3933



34.7277, 39.9016, 40.3373

Triad

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



35.6766, 39.9016, 36.3933



36.8237, 39.9016, 53.5722



41.4354, 39.9016, 41.5205

Complementary

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



35.6766, 39.9016, 36.3933



34.6170, 34.1288, 44.3002

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.



41.3133, 39.9016, 46.7106



35.6766, 39.9016, 36.3933



38.6119, 39.9016, 53.9525

Square

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



35.6766, 39.9016, 36.3933



35.3753, 39.9016, 50.3547



40.2665, 39.9016, 51.3558



40.5949, 39.9016, 37.2002

Rectangle

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



35.6766, 39.9016, 36.3933



34.5564, 39.9016, 43.6771



40.2665, 39.9016, 51.3558



41.5063, 39.9016, 43.2158

Sweetspot

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



35.6777, 39.9033, 36.3942



69.0421, 73.8653, 76.7206



36.4809, 38.0451, 35.9932



14.8886, 15.9986, 16.4104



82.5889, 86.8899, 94.6231



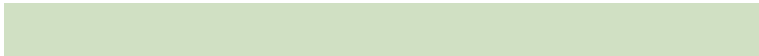
15.4596, 16.2647, 17.7123

Same Dimension

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



35.6777, 39.9033, 36.3942



62.5139, 70.8158, 62.1390



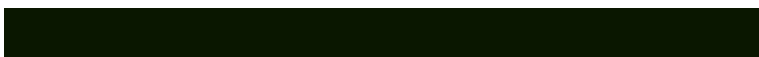
34.2100, 39.1344, 36.8792



8.2121, 9.0979, 8.5366



13.0497, 23.0244, 3.7564



0.4263, 0.6732, 0.1075

Inverse Universe

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



34.6170, 34.1288, 44.3002



60.2609, 58.5508, 78.9311



36.2115, 34.9648, 43.7379



8.0063, 7.9776, 10.0705



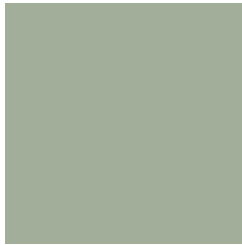
9.4826, 4.2483, 29.3647



0.3244, 0.1494, 0.8197

Previews

White Background



This preview shows how the XYZ color 35.6766, 39.9016, 36.3933 looks on a white background.

Color Contrast Check

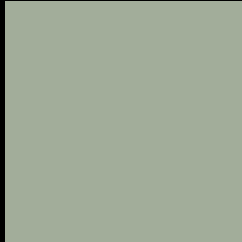
Large Text (above 18pt) WCAG AA × Fail

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 35.6766, 39.9016, 36.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

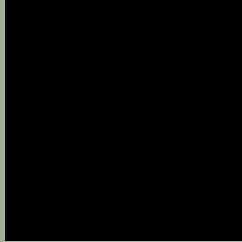
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

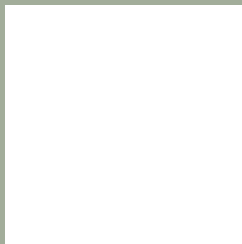
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6766, 39.9016, 36.3933

Background



This preview shows how black text looks on a background with the XYZ color 35.6766, 39.9016, 36.3933.



This preview shows how white text looks on a background with the XYZ color 35.6766, 39.9016,

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

35.6766, 39.9016, 36.3933

Protanopia

37.7600, 39.8730, 35.4119

Deuteranopia

40.5838, 39.6711, 36.9708



Tritanopia

38.3573, 39.8603, 49.9281

Trichromacy



Original Color

35.6766, 39.9016, 36.3933

Protanomaly

36.9191, 39.7073, 35.8554

Deuteranomaly

38.5575, 39.7073, 36.6424

Tritanomaly

37.3382, 39.7273, 44.7299

Monochromacy



Original Color

35.6766, 39.9016, 36.3933

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7115, 39.5008, 40.3398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6766, 39.9016, 36.3933 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(162, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 154)  
}
```

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(162, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.6766, 39.9016, 36.3933 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(162, 173, 154) }
```


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

```
.border{ border-color:rgb(162, 173, 154) }
```

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

Here you see how a box with a 4 pixel rgb(162, 173, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6766, 39.9016, 36.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 154) }
```

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

```
.background{ background-color: rgb(162,  
173, 154) }
```

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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