

Converting Colors

XYZ(33.6166, 36.8303, 35.9751)

Have a look what the booklet for
XYZ(33.6166, 36.8303, 35.9751)
contains.

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Color

**XYZ(33.5695, 36.8746,
35.9201)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA69A
RGB	158, 166, 154
RGB Percent	62%, 65%, 60%
CMY	0.3804, 0.3490, 0.3961
CMYK	0.05, 0.00, 0.07, 0.35
HSL	100°, 6%, 63%
HSV	100°, 7%, 65%
XYZ	33.5695, 36.8746, 35.9201
YIQ	162.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

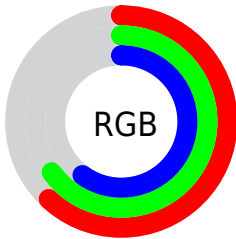
Format	Color
RYB	154, 166, 162
Decimal	10397338
CIELab	67.18, -5.12, 5.22
CIELCh	67, 7.312, 134.392
Yxy	36.8746, 0.3156, 0.3467
Android (android.graphics.Color)	4288587418 (0xFF9EA69A)
YUV	162.2400, -4.0623, -3.7185
Hunter-Lab	60.7245, -7.5900, 7.4355

Details

The XYZ color **33.5695, 36.8746, 35.9201** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3403, 33.5468, 40.7962**, and the grayscale version is **34.4747, 36.2701, 39.4982**.

A 20% lighter version of the original color is **64.6822, 70.4131, 69.8565**, and **14.5289, 16.1397, 15.1815** is the 20% darker color. If you saturate the color by 10%, you get **30.2016, 35.2883, 29.0375**, and if you desaturate by 10%, it is **37.3268, 38.6417, 43.8206**.

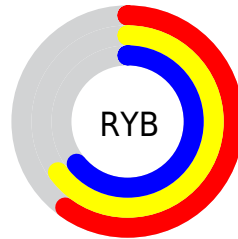
Distribution



Red (62%)

Green (65%)

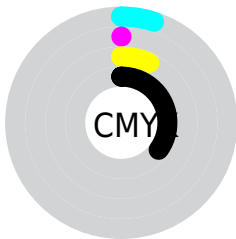
Blue (60%)



Red (60%)

Yellow (65%)

Blue (64%)

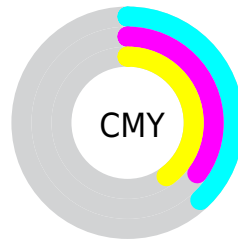


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5695, 36.8746, 35.9201 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 33.5695, 36.8746, 35.9201 by changing the saturation by 10% instead.

■ 33.5695, 36.8746,
35.9201

■ 33.5695, 36.8746,
35.9201

309.8280,
332.7673, 343.6380

■ 22.7244, 25.1104,
24.0833

■ 64.6124, 70.3799,
70.0764

■ 14.5097, 16.1593,
15.1826

■ 85.5409, 92.8898,
93.2329

■ 8.5601, 9.6370,
8.7996

110.5612,
119.7503, 120.9998

■ 4.5102, 5.1589,
4.5157

140.0388,
151.3460, 153.7956

■ 1.9946, 2.3408,
1.9123

174.3389,
188.0611, 192.0387

■ 0.6309, 0.7952,
0.5005

213.8268,

■ 0.0000, 0.0000,

230.2801, 236.1478

0.0000

258.8681,
278.3874, 286.5414

■ 33.5695, 36.8746,
35.9201

■ 33.5695, 36.8746,
35.9201

■ 30.2016, 35.2883,
29.0375

■ 37.3268, 38.6417,
43.8206

■ 27.2071, 33.8723,
23.1291

■ 41.4828, 40.5903,
52.7756

■ 24.5734, 32.6220,
18.1516


■ 46.0502, 42.7272,
62.8227


■ 22.2858, 31.5309,
14.0573


■ 51.0403, 45.0575,
73.9971


■ 20.3286, 30.5922,
10.7946


■ 56.4639, 47.5861,
86.3323


 18.6849, 29.7982,
8.3062


 62.3313, 50.3175,
99.8606


 17.3360, 29.1407,
6.5278

 66.1069, 52.2380,
101.2065

 16.2606, 28.6105,
5.3845

 69.8860, 54.1862,
101.3833

 15.4294, 28.1950,
4.7610

 72.9269, 55.7538,
101.5256

Harmonies

Analogous

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



34.5179, 36.8746, 34.4910



33.5695, 36.8746, 35.9201



33.0234, 36.8746, 38.5206

Triad

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



33.5695, 36.8746, 35.9201



34.4745, 36.8746, 46.3597



37.1664, 36.8746, 38.6431

Complementary

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



33.5695, 36.8746, 35.9201



33.3403, 33.5468, 40.7962

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.



37.1541, 36.8746, 41.8251



33.5695, 36.8746, 35.9201



35.5839, 36.8746, 46.3968

Square

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



33.5695, 36.8746, 35.9201



33.5383, 36.8746, 44.6011



36.5697, 36.8746, 44.6999



36.6028, 36.8746, 36.0057

Rectangle

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



33.5695, 36.8746, 35.9201



32.9535, 36.8746, 40.6223



36.5697, 36.8746, 44.6999



37.2298, 36.8746, 39.6817

Sweetspot

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



33.5705, 36.8762, 35.9209



64.3751, 68.5464, 72.4000



34.4804, 36.2823, 35.7583



14.4234, 15.3476, 16.2385



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.5705, 36.8762, 35.9209



59.6858, 66.3404, 62.6283



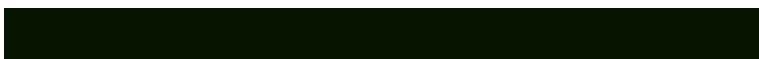
32.9645, 36.5444, 36.7696



7.6635, 8.5247, 8.0308



11.8547, 21.8085, 3.5847



0.3424, 0.5584, 0.0897

Inverse Universe

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



33.3403, 33.5468, 40.7962



59.1627, 58.7778, 73.7023



33.9837, 33.8995, 39.8757



7.5954, 7.5395, 9.4733



10.4410, 4.7659, 28.3451



0.3049, 0.1422, 0.6920

Previews

White Background



This preview shows how the XYZ color 33.5695, 36.8746, 35.9201 looks on a white background.

Color Contrast Check

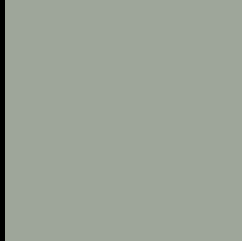
Large Text (above 18pt) WCAG AA × Fail

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 33.5695, 36.8746, 35.9201 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

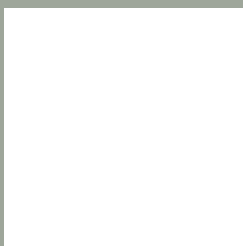
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5695, 36.8746, 35.9201

Background



This preview shows how black text looks on a background with the XYZ color 33.5695, 36.8746, 35.9201.



This preview shows how white text looks on a background with the XYZ color 33.5695, 36.8746,

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

33.5695, 36.8746, 35.9201

Protanopia

35.1269, 36.8964, 34.9761

Deuteranopia

37.5190, 36.7991, 36.5780



Tritanopia

35.6316, 36.9060, 46.3199

Trichromacy



Original Color

33.5695, 36.8746, 35.9201

Protanomaly

34.5423, 36.8502, 35.4292

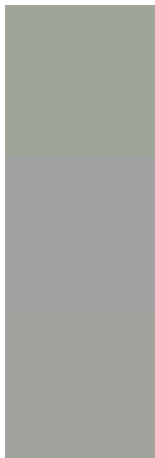
Deuteranomaly

35.8948, 36.7405, 36.2101

Tritanomaly

34.8405, 36.8517, 42.3226

Monochromacy



Original Color

33.5695, 36.8746, 35.9201

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.0531, 36.2747, 38.0078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5695, 36.8746, 35.9201 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(158, 166, 154) looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 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(158, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.5695, 36.8746, 35.9201 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(158, 166, 154) }
```


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

```
.border{ border-color:rgb(158, 166, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 166, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 166, 154); box-shadow:4px 4px 4px 4px rgb(158, 166, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5695, 36.8746, 35.9201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 154) }
```

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

```
.background{ background-color: rgb(158,  
166, 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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