

Converting Colors

XYZ(34.3470, 35.2967, 35.1399)

Have a look what the booklet for
XYZ(34.3470, 35.2967, 35.1399)
contains.

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Color

**XYZ(34.3388, 35.1886,
35.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	A99E99
RGB	169, 158, 153
RGB Percent	66%, 62%, 60%
CMY	0.3373, 0.3804, 0.4000
CMYK	0.00, 0.07, 0.09, 0.34
HSL	19°, 9%, 63%
HSV	19°, 9%, 66%
XYZ	34.3388, 35.1886, 35.1192
YIQ	160.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

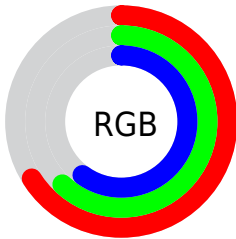
Format	Color
RYB	169, 160, 153
Decimal	11116185
CIELab	65.90, 3.11, 4.04
CIELCh	66, 5.101, 52.368
Yxy	35.1886, 0.3281, 0.3363
Android (android.graphics.Color)	4289306265 (0xFFA99E99)
YUV	160.7190, -3.8055, 7.2624
Hunter-Lab	59.3200, -0.4809, 6.4225

Details

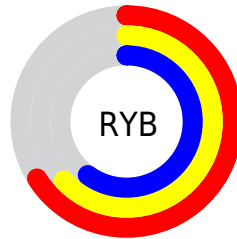
The XYZ color **34.3388, 35.1886, 35.1192** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5737, 36.1872, 42.7518**, and the grayscale version is **33.7611, 35.5193, 38.6805**.

A 20% lighter version of the original color is **65.7972, 67.9408, 68.6775**, and **14.9921, 15.2566, 14.7250** is the 20% darker color. If you saturate the color by 10%, you get **31.1523, 30.8933, 27.6513**, and if you desaturate by 10%, it is **37.9123, 39.9407, 43.6924**.

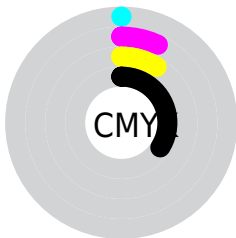
Distribution



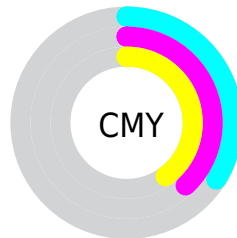
- Red (66%)
- Green (62%)
- Blue (60%)



- Red (66%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (34%)



- Cyan (34%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3388, 35.1886, 35.1192 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 34.3388, 35.1886, 35.1192 by changing the saturation by 10% instead.

■ 34.3388, 35.1886,
35.1192

■ 34.3388, 35.1886,
35.1192

313.1995,
325.4000, 340.0144

■ 23.3181, 23.8082,
23.4704

■ 65.8010, 67.7778,
68.8241

■ 14.9506, 15.1914,
14.7327

■ 86.9732, 89.7555,
91.7172

■ 8.8708, 8.9538,
8.4875

112.2600,
116.0343, 119.1956

■ 4.7134, 4.7111,
4.3162

142.0266,
146.9987, 151.6777

■ 2.1131, 2.0788,
1.8004

176.6386,
183.0330, 189.5821

■ 0.6963, 0.6526,
0.4282

216.4611,

■ 0.0000, 0.0000,

224.5218, 233.3273

0.0000

261.8597,
271.8493, 283.3319

■ 34.3388, 35.1886,
35.1192

■ 34.3388, 35.1886,
35.1192

■ 31.1523, 30.8933,
27.6513

■ 37.9123, 39.9407,
43.6924

■ 28.3365, 27.0364,
21.2412

■ 41.8825, 45.1580,
53.4112

■ 25.8781, 23.6053,
15.8411

■ 46.2627, 50.8545,
64.3167

■ 23.7617, 20.5848,
11.3989

■ 51.0644, 57.0423,
76.4474

■ 21.9712, 17.9587,
7.8577

■ 56.2988, 63.7328,
89.8399

■ 20.4885, 15.7099,
5.1543

■ 61.9766, 70.9374,
104.5293

■ 19.2939, 13.8198,
3.2175

■ 65.3708, 77.5719,
106.1352

■ 18.3647, 12.2678,
1.9637

■ 68.8875, 84.6053,
107.3074

■ 17.6616, 11.0257,
1.2232

■ 70.1724, 87.1751,
107.7357

Harmonies

Analogous

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



34.8045, 35.1886, 36.7559



34.3388, 35.1886, 35.1192



33.6386, 35.1886, 34.3445

Triad

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



34.3388, 35.1886, 35.1192



32.0292, 35.1886, 37.7656



34.0005, 35.1886, 42.2839

Complementary

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



34.3388, 35.1886, 35.1192



33.5737, 36.1872, 42.7518

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.



33.2535, 35.1886, 42.5790



34.3388, 35.1886, 35.1192



32.1228, 35.1886, 39.9164

Square

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



34.3388, 35.1886, 35.1192



32.3106, 35.1886, 35.8346



32.5682, 35.1886, 41.6978



34.6071, 35.1886, 40.9060

Rectangle

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



34.3388, 35.1886, 35.1192



33.1361, 35.1886, 34.3999



32.5682, 35.1886, 41.6978



33.7572, 35.1886, 42.5151

Sweetspot

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



34.3398, 35.1901, 35.1200



65.5226, 68.3846, 72.5114



34.4728, 33.9055, 39.9447



14.1701, 14.7575, 15.5375



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.



34.3398, 35.1901, 35.1200



60.4640, 61.6345, 60.4446



35.7123, 37.9352, 35.5775



7.7154, 7.9108, 7.9096



13.1813, 8.2599, 0.8996



0.3659, 0.2914, 0.0370

Inverse Universe

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



33.5737, 36.1872, 42.7518



58.8600, 63.7216, 76.4223



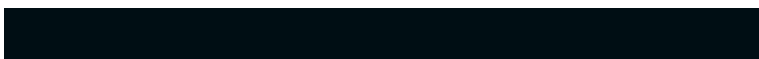
32.2208, 33.4815, 42.3009



7.5467, 8.1304, 9.5899



10.0548, 11.5698, 29.6787



0.2872, 0.3666, 0.7363

Previews

White Background



This preview shows how the XYZ color 34.3388, 35.1886, 35.1192 looks on a white background.

Color Contrast Check

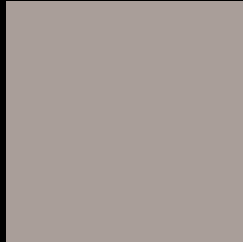
Large Text (above 18pt) WCAG AA × Fail

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 34.3388, 35.1886, 35.1192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

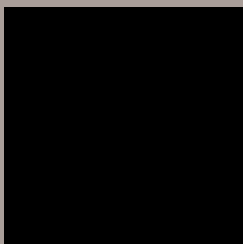
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

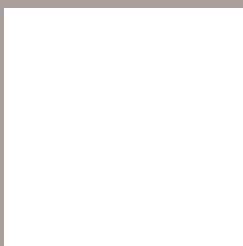
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3388, 35.1886, 35.1192

Background



This preview shows how black text looks on a background with the XYZ color 34.3388, 35.1886, 35.1192.



This preview shows how white text looks on a background with the XYZ color 34.3388, 35.1886,

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

34.3388, 35.1886, 35.1192

Protanopia

33.5407, 35.0219, 35.5640

Deuteranopia

35.9142, 35.2408, 35.4811



Tritanopia

35.7509, 35.2620, 41.9678

Trichromacy



Original Color

34.3388, 35.1886, 35.1192

Protanomaly

33.9568, 35.2364, 35.5834

Deuteranomaly

35.4004, 35.2240, 35.5050

Tritanomaly

35.2454, 35.3043, 39.6071

Monochromacy



Original Color

34.3388, 35.1886, 35.1192

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.0522, 35.5027, 37.4057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3388, 35.1886, 35.1192 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(169, 158, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 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(169, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.3388, 35.1886, 35.1192 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(169, 158, 153) }
```


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

```
.border{ border-color:rgb(169, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3388, 35.1886, 35.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 158, 153) }
```

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

```
.background{ background-color: rgb(169,  
158, 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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