

Converting Colors

XYZ(32.9322, 35.5553, 34.8331)

Have a look what the booklet for
XYZ(32.9322, 35.5553, 34.8331)
contains.

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Color

**XYZ(32.8859, 35.4786,
34.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA298
RGB	159, 162, 152
RGB Percent	62%, 64%, 60%
CMY	0.3765, 0.3647, 0.4039
CMYK	0.02, 0.00, 0.06, 0.36
HSL	78°, 5%, 62%
HSV	78°, 6%, 64%
XYZ	32.8859, 35.4786, 34.8205
YIQ	159.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

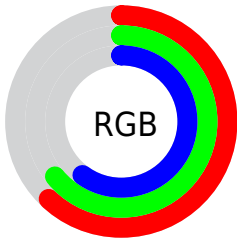
Format	Color
RYB	152, 162, 155
Decimal	10461848
CIELab	66.12, -2.95, 4.82
CIELCh	66, 5.647, 121.467
Yxy	35.4786, 0.3187, 0.3438
Android (android.graphics.Color)	4288651928 (0xFF9FA298)
YUV	159.9630, -3.9258, -0.8446
Hunter-Lab	59.5639, -5.6850, 7.0344

Details

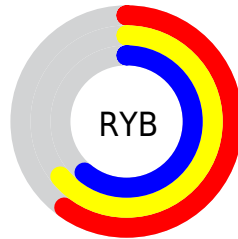
The XYZ color **32.8859, 35.4786, 34.8205** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2687, 32.0346, 38.7195**, and the grayscale version is **33.4144, 35.1546, 38.2834**.

A 20% lighter version of the original color is **63.6850, 68.3781, 68.2343**, and **14.1092, 15.2796, 14.5175** is the 20% darker color. If you saturate the color by 10%, you get **30.7034, 34.4975, 28.2588**, and if you desaturate by 10%, it is **35.2896, 36.5549, 42.3401**.

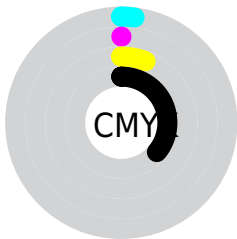
Distribution



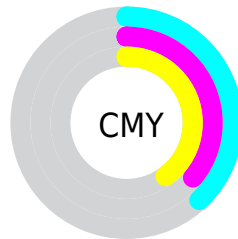
- Red (62%)
- Green (64%)
- Blue (60%)



- Red (60%)
- Yellow (64%)
- Blue (61%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8859, 35.4786, 34.8205 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 32.8859, 35.4786, 34.8205 by changing the saturation by 10% instead.

■ 32.8859, 35.4786,
34.8205

■ 32.8859, 35.4786,
34.8205

306.8094,
326.6758, 338.6555

■ 22.1979, 24.0318,
23.2422

■ 63.5532, 68.2265,
68.3560

■ 14.1198, 15.3572,
14.5655

■ 84.2632, 90.2964,
91.1503

■ 8.2863, 9.0705,
8.3718

109.0446,
116.6762, 118.5203

■ 4.3320, 4.7872,
4.2426

138.2627,
147.7501, 150.8846

■ 1.8916, 2.1229,
1.7593

172.2828,
183.9026, 188.6618

■ 0.5720, 0.6775,
0.4009

211.4704,

■ 0.0000, 0.0000,

225.5182, 232.2703

0.0000

256.1908,
272.9811, 282.1286

■ 32.8859, 35.4786,
34.8205

■ 32.8859, 35.4786,
34.8205

■ 30.7034, 34.4975,
28.2588

■ 35.2896, 36.5549,
42.3401

■ 28.7314, 33.6038,
22.6143

■ 37.9189, 37.7247,
50.8517

■ 26.9626, 32.7956,
17.8466

■ 40.7817, 38.9923,
60.3902

■ 25.3884, 32.0695,
13.9116

■ 43.8847, 40.3606,
70.9886

■ 23.9989, 31.4216,
10.7612

■ 47.2340, 41.8320,
82.6780

■ 22.7839, 30.8475,
8.3425

■ 50.8360, 43.4090,
95.4885

■ 21.7314, 30.3425,
6.5961

■ 52.9754, 44.4057,
100.3868

■ 20.8281, 29.9011,
5.4531

■ 54.2363, 45.0557,
100.4458

■ 20.0551, 29.5159,
4.8181

■ 55.5383, 45.7270,
100.5067

Harmonies

Analogous

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



33.6800, 35.4786, 34.1915



32.8859, 35.4786, 34.8205



32.3233, 35.4786, 36.4642

Triad

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



32.8859, 35.4786, 34.8205



32.9563, 35.4786, 42.8347



35.3605, 35.4786, 38.5120

Complementary

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



32.8859, 35.4786, 34.8205



31.2687, 32.0346, 38.7195

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.



35.1591, 35.4786, 40.8802



32.8859, 35.4786, 34.8205



33.7627, 35.4786, 43.4373

Square

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



32.8859, 35.4786, 34.8205



32.3635, 35.4786, 41.0934



34.5708, 35.4786, 42.7080



35.1167, 35.4786, 36.2674

Rectangle

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



32.8859, 35.4786, 34.8205



32.1504, 35.4786, 37.9484



34.5708, 35.4786, 42.7080



35.3426, 35.4786, 39.3200

Sweetspot

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



32.8869, 35.4801, 34.8213



61.4561, 65.1949, 68.6439



32.2904, 33.3922, 34.4497



13.8141, 14.6476, 15.4525



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.8869, 35.4801, 34.8213



59.3038, 64.2303, 61.9960



31.9154, 34.9793, 34.7758



7.5376, 8.1733, 7.8499



15.6259, 23.1659, 3.6479



0.3725, 0.5095, 0.0787

Inverse Universe

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



31.2687, 32.0346, 38.7195



55.9316, 57.0499, 70.1199



32.2483, 32.5396, 38.7654



7.0919, 7.2242, 8.9237



6.1611, 2.5826, 27.1036



0.1750, 0.0778, 0.5716

Previews

White Background



This preview shows how the XYZ color 32.8859, 35.4786, 34.8205 looks on a white background.

Color Contrast Check

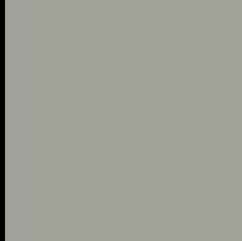
Large Text (above 18pt) WCAG AA × Fail

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 32.8859, 35.4786, 34.8205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

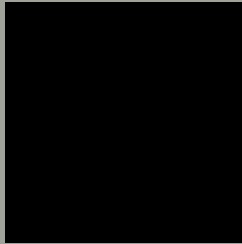
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

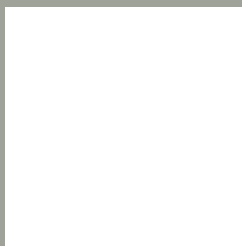
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8859, 35.4786, 34.8205

Background



This preview shows how black text looks on a background with the XYZ color 32.8859, 35.4786, 34.8205.



This preview shows how white text looks on a background with the XYZ color 32.8859, 35.4786,

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

32.8859, 35.4786, 34.8205

Protanopia

33.8826, 35.4830, 34.3412

Deuteranopia

36.0615, 35.3263, 35.0550



Tritanopia

34.7448, 35.4562, 44.0422

Trichromacy



Original Color

32.8859, 35.4786, 34.8205

Protanomaly

33.4350, 35.5106, 34.3702

Deuteranomaly

34.9899, 35.5243, 35.1497

Tritanomaly

34.0603, 35.4353, 40.6418

Monochromacy



Original Color

32.8859, 35.4786, 34.8205

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.3279, 35.3976, 36.9741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8859, 35.4786, 34.8205 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(159, 162, 152)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 152)  
}
```

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(159, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.8859, 35.4786, 34.8205 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(159, 162, 152) }
```


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

```
.border{ border-color:rgb(159, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8859, 35.4786, 34.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 152) }
```

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

```
.background{ background-color: rgb(159,  
162, 152) }
```

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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