

Converting Colors

XYZ(32.9962, 33.4817, 35.4847)

Have a look what the booklet for
XYZ(32.9962, 33.4817, 35.4847)
contains.

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Color

**XYZ(32.9054, 33.4436,
35.2928)**

Conversions

Conversions Part 1

Format	Color
Hex	A59A9A
RGB	165, 154, 154
RGB Percent	65%, 60%, 60%
CMY	0.3529, 0.3961, 0.3961
CMYK	0.00, 0.07, 0.07, 0.35
HSL	0°, 6%, 63%
HSV	0°, 7%, 65%
XYZ	32.9054, 33.4436, 35.2928
YIQ	157.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

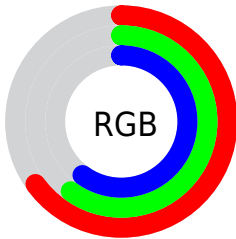
Format	Color
RYB	165, 154, 154
Decimal	10853018
CIELab	64.52, 4.02, 1.44
CIELCh	65, 4.273, 19.697
Yxy	33.4436, 0.3237, 0.3290
Android (android.graphics.Color)	4289043098 (0xFFA59A9A)
YUV	157.2890, -1.6215, 6.7625
Hunter-Lab	57.8304, 0.3629, 4.2978

Details

The XYZ color **32.9054, 33.4436, 35.2928** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5731, 36.4964, 40.8728**, and the grayscale version is **32.1837, 33.8598, 36.8733**.

A 20% lighter version of the original color is **63.4562, 64.8815, 68.8534**, and **14.1085, 14.1905, 14.8274** is the 20% darker color. If you saturate the color by 10%, you get **29.0867, 27.8561, 27.6995**, and if you desaturate by 10%, it is **37.2891, 39.8579, 44.0073**.

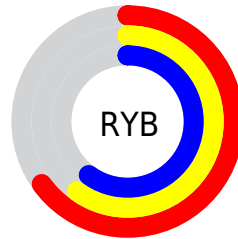
Distribution



Red (65%)

Green (60%)

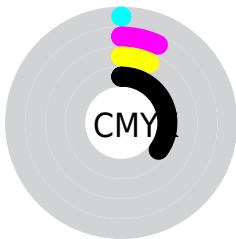
Blue (60%)



Red (65%)

Yellow (60%)

Blue (60%)

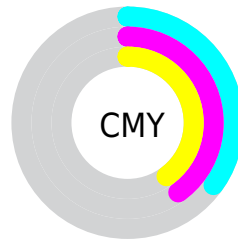


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9054, 33.4436, 35.2928 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 32.9054, 33.4436, 35.2928 by changing the saturation by 10% instead.

■ 32.9054, 33.4436,
35.2928

■ 32.9054, 33.4436,
35.2928

306.8958,
317.6439, 340.8023

■ 22.2129, 22.4665,
23.6032

■ 63.5835, 65.0675,
69.0958

■ 14.1309, 14.2001,
14.8300

■ 84.2997, 86.4830,
92.0463

■ 8.2941, 8.2599,
8.5549

109.0879,
112.1469, 119.5874

■ 4.3371, 4.2617,
4.3592

138.3135,
142.4434, 152.1378

■ 1.8945, 1.8210,
1.8244

172.3417,
177.7569, 190.1159

■ 0.5737, 0.5002,
0.4440

211.5379,

■ 0.0000, 0.0000,

218.4719, 233.9403

0.0000

256.2675,
264.9728, 284.0296

■ 32.9054, 33.4436,
35.2928

■ 32.9054, 33.4436,
35.2928

■ 29.0867, 27.8561,
27.6995

■ 37.2891, 39.8579,
44.0073

■ 25.8074, 23.0576,
21.1798

■ 42.2565, 47.1262,
53.8836

■ 23.0439, 19.0140,
15.6860

■ 47.8289, 55.2797,
64.9629

■ 20.7701, 15.6868,
11.1658

■ 54.0257, 64.3467,
77.2839

■ 18.9575, 13.0343,
7.5625

■ 60.8654, 74.3545,
90.8834

■ 17.5744, 11.0104,
4.8134

■ 68.3659, 85.3290,
105.7968

■ 16.5855, 9.5632,
2.8481

■ 69.3273, 86.7394,
107.6962

■ 15.9497, 8.6326,
1.5847

■ 15.6075, 8.1318,
0.9049

Harmonies

Analogous

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



32.9564, 33.4436, 37.0191



32.9054, 33.4436, 35.2928



32.5526, 33.4436, 33.9098

Triad

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



32.9054, 33.4436, 35.2928



30.9001, 33.4436, 34.2824



31.5776, 33.4436, 39.8239

Complementary

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



32.9054, 33.4436, 35.2928



33.5731, 36.4964, 40.8728

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.



31.0337, 33.4436, 39.0394



32.9054, 33.4436, 35.2928



30.6459, 33.4436, 35.8163

Square

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



32.9054, 33.4436, 35.2928



31.3931, 33.4436, 33.3395



30.6945, 33.4436, 37.5595



32.1845, 33.4436, 39.6728

Rectangle

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



32.9054, 33.4436, 35.2928



32.1963, 33.4436, 33.3510



30.6945, 33.4436, 37.5595



31.3815, 33.4436, 39.6599

Sweetspot

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



32.9063, 33.4451, 35.2935



62.4385, 65.0275, 70.1786



33.8647, 33.8277, 40.3423



13.6704, 14.2458, 15.3825



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.



32.9063, 33.4451, 35.2935



57.8571, 58.3240, 61.0700



33.8346, 35.3015, 35.6029



7.0739, 7.0862, 7.3750



11.7392, 6.0524, 0.5495



0.2467, 0.1273, 0.0116

Inverse Universe

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



33.5731, 36.4964, 40.8728



59.3020, 64.9365, 73.1608



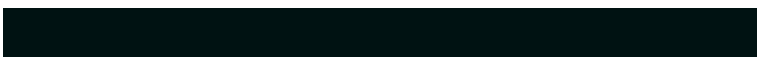
32.6027, 34.5557, 40.5494



7.2760, 8.0110, 9.0659



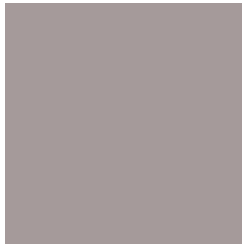
15.3112, 22.4018, 30.4468



0.3218, 0.4708, 0.6398

Previews

White Background



This preview shows how the XYZ color 32.9054, 33.4436, 35.2928 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 32.9054, 33.4436, 35.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

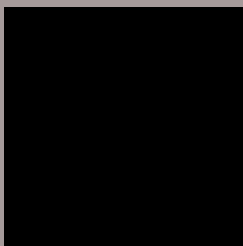
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

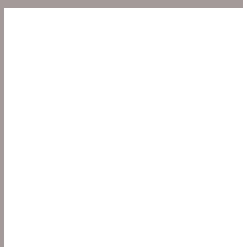
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9054, 33.4436, 35.2928

Background



This preview shows how black text looks on a background with the XYZ color 32.9054, 33.4436, 35.2928.



This preview shows how white text looks on a background with the XYZ color 32.9054, 33.4436,

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

32.9054, 33.4436, 35.2928

Protanopia

32.3021, 33.6171, 35.7966

Deuteranopia

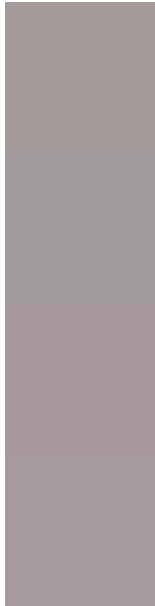
33.9963, 33.2704, 35.6404



Tritanopia

33.6550, 33.2438, 39.7648

Trichromacy



Original Color

32.9054, 33.4436, 35.2928

Protanomaly

32.5380, 33.4906, 35.7597

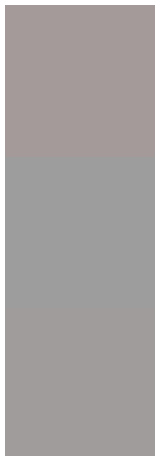
Deuteranomaly

33.5068, 33.2580, 35.6638

Tritanomaly

33.4623, 33.4275, 37.9462

Monochromacy



Original Color

32.9054, 33.4436, 35.2928

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.3864, 33.6508, 36.2408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9054, 33.4436, 35.2928 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(165, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 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(165, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.9054, 33.4436, 35.2928 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(165, 154, 154) }
```


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

```
.border{ border-color:rgb(165, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9054, 33.4436, 35.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 154) }
```

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

```
.background{ background-color: rgb(165,  
154, 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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