

Converting Colors

XYZ(33.2445, 34.3370, 34.9492)

Have a look what the booklet for
XYZ(33.2445, 34.3370, 34.9492)
contains.

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Color

**XYZ(33.3238, 34.4132,
35.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	A59D99
RGB	165, 157, 153
RGB Percent	65%, 62%, 60%
CMY	0.3529, 0.3843, 0.4000
CMYK	0.00, 0.05, 0.07, 0.35
HSL	20°, 6%, 62%
HSV	20°, 7%, 65%
XYZ	33.3238, 34.4132, 35.0230
YIQ	158.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

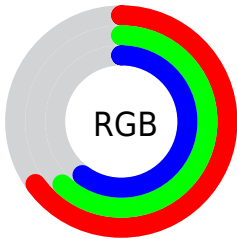
Format	Color
RYB	165, 159, 153
Decimal	10853785
CIELab	65.29, 2.18, 3.12
CIELCh	65, 3.808, 55.024
Yxy	34.4132, 0.3243, 0.3349
Android (android.graphics.Color)	4289043865 (0xFFA59D99)
YUV	158.9360, -2.9264, 5.3181
Hunter-Lab	58.6628, -1.2616, 5.6665

Details

The XYZ color **33.3238, 34.4132, 35.0230** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6732, 34.9780, 40.6271**, and the grayscale version is **32.9372, 34.6525, 37.7366**.

A 20% lighter version of the original color is **64.3212, 66.8076, 68.5366**, and **14.3624, 14.7781, 14.6659** is the 20% darker color. If you saturate the color by 10%, you get **30.2770, 30.3516, 27.7423**, and if you desaturate by 10%, it is **36.7284, 38.8881, 43.3536**.

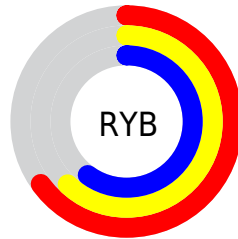
Distribution



Red (65%)

Green (62%)

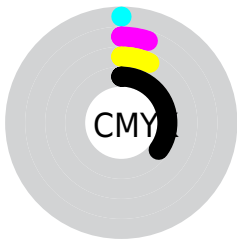
Blue (60%)



Red (65%)

Yellow (62%)

Blue (60%)

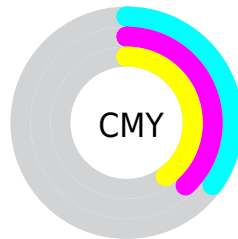


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3238, 34.4132, 35.0230 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 33.3238, 34.4132, 35.0230 by changing the saturation by 10% instead.

■ 33.3238, 34.4132,
35.0230

■ 33.3238, 34.4132,
35.0230

308.7455,
321.9706, 339.5772

■ 22.5350, 23.2112,
23.3969

■ 64.2320, 66.5757,
68.6734

■ 14.3694, 14.7495,
14.6788

■ 85.0822, 88.3050,
91.5347

■ 8.4614, 8.6438,
8.4502

110.0169,
114.3122, 118.9782

■ 4.4459, 4.5096,
4.2924

139.4015,
144.9817, 151.4225

■ 1.9573, 1.9625,
1.7871

173.6013,
180.6979, 189.2859

■ 0.6098, 0.5856,
0.4194

212.9816,

■ 0.0000, 0.0000,

221.8452, 232.9872

0.0000

257.9079,
268.8080, 282.9447

■ 33.3238, 34.4132,
35.0230

■ 33.3238, 34.4132,
35.0230

■ 30.2770, 30.3516,
27.7423

■ 36.7284, 38.8881,
43.3536

■ 27.5732, 26.6870,
21.4674

■ 40.4995, 43.7831,
52.7715

■ 25.2004, 23.4083,
16.1542

■ 44.6490, 49.1107,
63.3149

■ 23.1450, 20.5025,
11.7545

■ 49.1873, 54.8813,
75.0195

■ 21.3925, 17.9557,
8.2158

■ 54.1244, 61.1051,
87.9195

■ 19.9267, 15.7530,
5.4805

■ 59.4702, 67.7918,
102.0475

■ 18.7302, 13.8784,
3.4834

■ 62.9828, 74.0506,
105.5814

■ 17.7831, 12.3145,
2.1491

■ 66.2107, 80.5063,
106.6573

■ 17.0571, 11.0397,
1.3611

■ 69.3272, 86.7394,
107.6962

Harmonies

Analogous

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



33.6845, 34.4132, 36.1931



33.3238, 34.4132, 35.0230



32.8013, 34.4132, 34.5093

Triad

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



33.3238, 34.4132, 35.0230



31.6578, 34.4132, 37.2059



33.1619, 34.4132, 40.3061

Complementary

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



33.3238, 34.4132, 35.0230



32.6732, 34.9780, 40.6271

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.



32.6163, 34.4132, 40.5957



33.3238, 34.4132, 35.0230



31.7519, 34.4132, 38.7769

Square

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



33.3238, 34.4132, 35.0230



31.8427, 34.4132, 35.7466



32.1012, 34.4132, 40.0287



33.5903, 34.4132, 39.2482

Rectangle

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



33.3238, 34.4132, 35.0230



32.4331, 34.4132, 34.5973



32.1012, 34.4132, 40.0287



32.9859, 34.4132, 40.4978

Sweetspot

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



33.3248, 34.4147, 35.0237



62.7925, 65.7354, 70.2966



33.3417, 33.3555, 38.3996



13.7434, 14.3918, 15.4068



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.



33.3248, 34.4147, 35.0237



58.6005, 60.2009, 60.1149



34.3645, 36.4941, 35.3703



7.2579, 7.4541, 7.4363



12.8158, 8.2056, 0.9084



0.3113, 0.2564, 0.0331

Inverse Universe

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



32.6732, 34.9780, 40.6271



57.1483, 61.4562, 72.6025



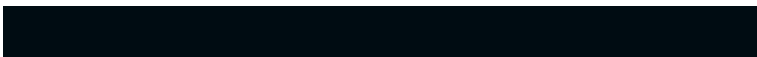
31.6502, 32.9321, 40.2861



7.0761, 7.6112, 8.9992



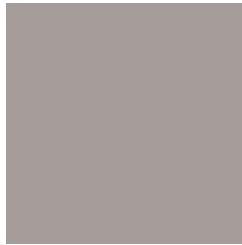
9.3999, 10.5791, 28.4763



0.2382, 0.3036, 0.6119

Previews

White Background



This preview shows how the XYZ color 33.3238, 34.4132, 35.0230 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 33.3238, 34.4132, 35.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

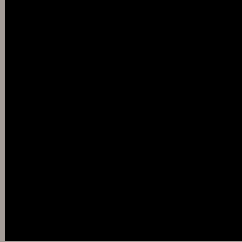
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3238, 34.4132, 35.0230

Background



This preview shows how black text looks on a background with the XYZ color 33.3238, 34.4132, 35.0230.



This preview shows how white text looks on a background with the XYZ color 33.3238, 34.4132,

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

33.3238, 34.4132, 35.0230

Protanopia

32.8769, 34.4350, 35.0508

Deuteranopia

35.1285, 34.3457, 35.3498



Tritanopia

34.6327, 34.4482, 41.3830

Trichromacy



Original Color

33.3238, 34.4132, 35.0230

Protanomaly

33.0809, 34.5402, 35.0604

Deuteranomaly

34.4016, 34.2150, 35.3628

Tritanomaly

34.1359, 34.4926, 39.0410

Monochromacy



Original Color

33.3238, 34.4132, 35.0230

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0106, 34.4651, 36.8109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3238, 34.4132, 35.0230 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, 157, 153) looks like.

```
.text, #text, p{  
    color:rgb(165, 157, 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(165, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 157, 153) }
```

Border

The CSS property to change the border of an element to XYZ 33.3238, 34.4132, 35.0230 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, 157, 153) }
```


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

```
.border{ border-color:rgb(165, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(165, 157,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3238, 34.4132, 35.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 157, 153) }
```

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

```
.background{ background-color: rgb(165,  
157, 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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