

Converting Colors

XYZ(33.0504, 34.1799, 34.4778)

Have a look what the booklet for
XYZ(33.0504, 34.1799, 34.4778)
contains.

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Color

**XYZ(33.0343, 34.2735,
34.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	A49D98
RGB	164, 157, 152
RGB Percent	64%, 62%, 60%
CMY	0.3569, 0.3843, 0.4039
CMYK	0.00, 0.04, 0.07, 0.36
HSL	25°, 6%, 62%
HSV	25°, 7%, 64%
XYZ	33.0343, 34.2735, 34.5801
YIQ	158.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

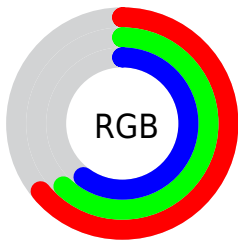
Format	Color
RYB	164, 161, 152
Decimal	10788248
CIE Lab	65.18, 1.63, 3.51
CIE LCh	65, 3.872, 65.045
Yxy	34.2735, 0.3242, 0.3364
Android (android.graphics.Color)	4288978328 (0xFFA49D98)
YUV	158.5230, -3.2158, 4.8033
Hunter-Lab	58.5436, -1.7293, 5.9595

Details

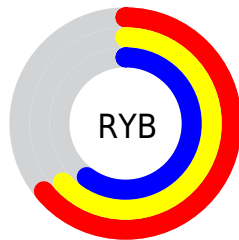
The XYZ color **33.0343, 34.2735, 34.5801** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0477, 34.1513, 40.0250**, and the grayscale version is **32.7502, 34.4557, 37.5223**.

A 20% lighter version of the original color is **63.8975, 66.6033, 67.8805**, and **14.1851, 14.6924, 14.4002** is the 20% darker color. If you saturate the color by 10%, you get **30.2282, 30.6640, 27.4697**, and if you desaturate by 10%, it is **36.1547, 38.2135, 42.7124**.

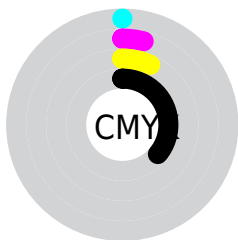
Distribution



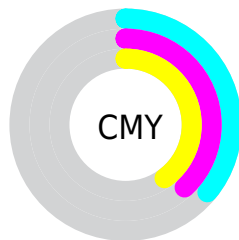
- Red (64%)
- Green (62%)
- Blue (60%)



- Red (64%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0343, 34.2735, 34.5801 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 33.0343, 34.2735, 34.5801 by changing the saturation by 10% instead.

■ 33.0343, 34.2735,
34.5801

■ 33.0343, 34.2735,
34.5801

307.4665,
321.3499, 337.5588

■ 22.3121, 23.1038,
23.0586

■ 63.7834, 66.3588,
67.9789

■ 14.2043, 14.6702,
14.4311

■ 84.5410, 88.0431,
90.6934

■ 8.3455, 8.5882,
8.2790

109.3744,
114.0011, 117.9759

■ 4.3705, 4.4736,
4.1836

138.6490,
144.6172, 150.2451

■ 1.9138, 1.9419,
1.7266

172.7302,
180.2757, 187.9194

■ 0.5848, 0.5734,
0.3789

211.9833,

■ 0.0000, 0.0000,

221.3610, 231.4175

0.0000

256.7736,
268.2576, 281.1577

■ 33.0343, 34.2735,
34.5801

■ 33.0343, 34.2735,
34.5801

■ 30.2282, 30.6640,
27.4697

■ 36.1547, 38.2135,
42.7124

■ 27.7231, 27.3718,
21.3382

■ 39.5965, 42.4881,
51.9031

■ 25.5089, 24.3892,
16.1428

■ 43.3701, 47.1067,
62.1893

■ 23.5737, 21.7065,
11.8363

■ 47.4846, 52.0773,
73.6057

■ 21.9048, 19.3134,
8.3678

■ 51.9486, 57.4074,
86.1857

■ 20.4884, 17.1990,
5.6809

■ 56.7705, 63.1042,
99.9611

■ 19.3091, 15.3514,
3.7123

■ 59.9993, 68.3913,
104.6463

■ 18.3494, 13.7578,
2.3882

■ 62.6411, 73.6748,
105.5269

■ 17.5838, 12.4017,
1.5934

■ 65.4296, 79.2519,
106.4564

Harmonies

Analogous

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



33.4693, 34.2735, 35.5678



33.0343, 34.2735, 34.5801



32.4809, 34.2735, 34.3174

Triad

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



33.0343, 34.2735, 34.5801



31.5106, 34.2735, 37.5910



33.2008, 34.2735, 39.9113

Complementary

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



33.0343, 34.2735, 34.5801



32.0477, 34.1513, 40.0250

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.



32.6711, 34.2735, 40.4887



33.0343, 34.2735, 34.5801



31.6986, 34.2735, 39.1247

Square

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



33.0343, 34.2735, 34.5801



31.6054, 34.2735, 36.0266



32.1218, 34.2735, 40.1968



33.5662, 34.2735, 38.6399

Rectangle

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



33.0343, 34.2735, 34.5801



32.1203, 34.2735, 34.5820



32.1218, 34.2735, 40.1968



33.0358, 34.2735, 40.1946

Sweetspot

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



33.0353, 34.2750, 34.5808



62.8815, 65.9134, 70.3263



32.7965, 32.8527, 37.4139



13.7618, 14.4285, 15.4129



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.



33.0353, 34.2750, 34.5808



58.9779, 60.9558, 60.2407



34.0749, 36.3542, 34.9274



7.3051, 7.5486, 7.4521



13.3864, 9.3468, 1.0986



0.3274, 0.2887, 0.0385

Inverse Universe

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



32.0477, 34.1513, 40.0250



56.7591, 60.6777, 72.4728



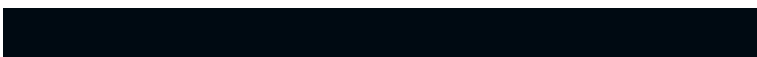
31.0414, 32.1387, 39.6896



7.0274, 7.5138, 8.9830



8.3665, 8.5124, 28.1319



0.2209, 0.2692, 0.6062

Previews

White Background



This preview shows how the XYZ color 33.0343, 34.2735, 34.5801 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 33.0343, 34.2735, 34.5801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

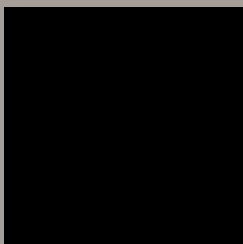
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

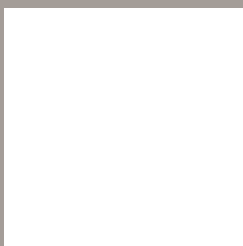
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0343, 34.2735, 34.5801

Background



This preview shows how black text looks on a background with the XYZ color 33.0343, 34.2735, 34.5801.



This preview shows how white text looks on a background with the XYZ color 33.0343, 34.2735,

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

33.0343, 34.2735, 34.5801

Protanopia

32.7946, 34.4021, 34.6176

Deuteranopia

34.8202, 34.1963, 34.9023



Tritanopia

34.4223, 34.3397, 41.3732

Trichromacy



Original Color

33.0343, 34.2735, 34.5801

Protanomaly

32.9986, 34.5072, 34.6271

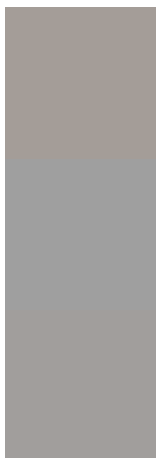
Deuteranomaly

34.1000, 34.0690, 34.9157

Tritanomaly

33.9271, 34.3849, 39.0312

Monochromacy



Original Color

33.0343, 34.2735, 34.5801

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9256, 34.4311, 36.3630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0343, 34.2735, 34.5801 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(164, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 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(164, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 152) }
```

Border

The CSS property to change the border of an element to XYZ 33.0343, 34.2735, 34.5801 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(164, 157, 152) }
```


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

```
.border{ border-color:rgb(164, 157, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0343, 34.2735, 34.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 152) }
```

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

```
.background{ background-color: rgb(164,  
157, 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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