

Converting Colors

XYZ(34.0048, 33.2955, 32.1284)

Have a look what the booklet for
XYZ(34.0048, 33.2955, 32.1284)
contains.

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Color

**XYZ(34.0123, 33.3538,
32.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9793
RGB	175, 151, 147
RGB Percent	69%, 59%, 58%
CMY	0.3137, 0.4078, 0.4235
CMYK	0.00, 0.14, 0.16, 0.31
HSL	9°, 15%, 63%
HSV	9°, 16%, 69%
XYZ	34.0123, 33.3538, 32.2490
YIQ	157.7200, 15.5880, 3.8440

Conversions

Conversions Part 2

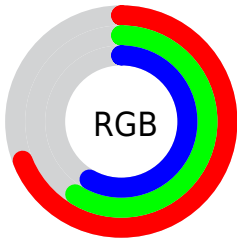
Format	Color
R_{YB}	175, 152, 147
Decimal	11507603
CIE _{Lab}	64.45, 8.23, 5.38
CIE _{LCh}	64, 9.833, 33.204
Yxy	33.3538, 0.3414, 0.3348
Android (android.graphics.Color)	4289697683 (0xFFAF9793)
YUV	157.7200, -5.2850, 15.1546
Hunter-Lab	57.7527, 4.0566, 7.3195

Details

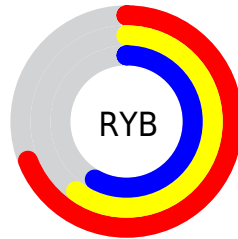
The XYZ color **34.0123, 33.3538, 32.2490** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3331, 38.4231, 46.1647**, and the grayscale version is **32.3916, 34.0785, 37.1114**.

A 20% lighter version of the original color is **65.3289, 64.8686, 64.3360**, and **14.6945, 14.0964, 13.0127** is the 20% darker color. If you saturate the color by 10%, you get **30.4803, 28.3225, 24.8042**, and if you desaturate by 10%, it is **38.0622, 39.0858, 40.8979**.

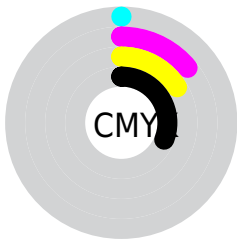
Distribution



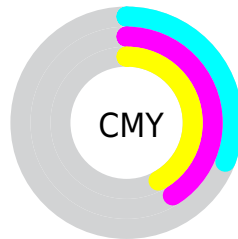
- Red (69%)
- Green (59%)
- Blue (58%)



- Red (69%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0123, 33.3538, 32.2490 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 34.0123, 33.3538, 32.2490 by changing the saturation by 10% instead.


 34.0123, 33.3538,
32.2490


 34.0123, 33.3538,
32.2490


311.7718,
317.2410, 326.7796

 23.0660, 22.3976,
21.2854


 65.2970, 64.9275,
64.3037

 14.7632, 14.1494,
13.1395


 86.3660, 86.3138,
86.2318

 8.7386, 8.2246,
7.3928

111.5400,
111.9456, 112.6518

 4.6268, 4.2390,
3.6268

141.1843,
142.2073, 143.9823

 2.0625, 1.8081,
1.4229

175.6643,
177.4833, 180.6418

 0.6687, 0.4922,
0.1595

215.3453,

 0.0000, 0.0000,

218.1580, 223.0488

0.0000

260.5927,
264.6157, 271.6219

■ 34.0123, 33.3538,
32.2490

■ 34.0123, 33.3538,
32.2490

■ 30.4803, 28.3225,
24.8042

■ 38.0622, 39.0858,
40.8979

■ 27.4425, 23.9607,
18.5080

■ 42.6469, 45.5393,
50.7988

■ 24.8774, 20.2415,
13.3037

■ 47.7860, 52.7399,
61.9997

■ 22.7611, 17.1342,
9.1289

■ 53.4972, 60.7104,
74.5452

■ 21.0673, 14.6060,
5.9149

■ 59.7975, 69.4729,
88.4780

■ 19.7669, 12.6205,
3.5847

■ 66.7032, 79.0482,
103.8389

■ 18.8272, 11.1376,
2.0492

■ 71.4894, 87.8540,
107.7974

■ 18.2083, 10.1105,
1.1929

■ 18.0275, 9.8102,
0.9434

Harmonies

Analogous

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



34.4714, 33.3538, 35.8866



34.0123, 33.3538, 32.2490



32.9332, 33.3538, 29.8494

Triad

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



34.0123, 33.3538, 32.2490



29.3549, 33.3538, 32.9448



31.8528, 33.3538, 44.5870

Complementary

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



34.0123, 33.3538, 32.2490



34.3331, 38.4231, 46.1647

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.



30.5015, 33.3538, 43.6564



34.0123, 33.3538, 32.2490



29.0846, 33.3538, 36.7501

Square

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



34.0123, 33.3538, 32.2490



30.2477, 33.3538, 30.2298



29.4984, 33.3538, 40.7127



33.2017, 33.3538, 43.1701

Rectangle

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



34.0123, 33.3538, 32.2490



32.0220, 33.3538, 29.1744



29.4984, 33.3538, 40.7127



31.3837, 33.3538, 44.5386

Sweetspot

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



34.0132, 33.3553, 32.2497



68.8770, 71.0019, 74.7712



35.4894, 32.9323, 43.1479



15.1896, 15.6129, 16.3627



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.0132, 33.3553, 32.2497



58.7090, 56.6010, 53.0845



36.3531, 38.0351, 33.0297



8.0942, 8.1933, 8.3682



12.9383, 7.0821, 0.6851



0.3878, 0.2528, 0.0284

Inverse Universe

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



34.3331, 38.4231, 46.1647



59.3842, 67.3118, 82.4995



31.8730, 33.5029, 45.3446



8.1373, 8.8739, 10.2367



13.3835, 17.9009, 31.7943



0.3985, 0.5504, 0.8932

Previews

White Background



This preview shows how the XYZ color 34.0123, 33.3538, 32.2490 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 34.0123, 33.3538, 32.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

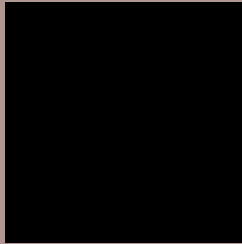
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0123, 33.3538, 32.2490

Background



This preview shows how black text looks on a background with the XYZ color 34.0123, 33.3538, 32.2490.



This preview shows how white text looks on a background with the XYZ color 34.0123, 33.3538,

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

34.0123, 33.3538, 32.2490

Protanopia

32.0914, 33.5560, 33.6397

Deuteranopia

34.0123, 33.3538, 32.2490



Tritanopia

35.3119, 33.4152, 38.3069

Trichromacy



Original Color

34.0123, 33.3538, 32.2490

Protanomaly

32.7063, 33.3881, 33.1545

Deuteranomaly

34.0123, 33.3538, 32.2490

Tritanomaly

34.8116, 33.4431, 36.0729

Monochromacy



Original Color

34.0123, 33.3538, 32.2490

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8639, 33.6683, 35.3384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0123, 33.3538, 32.2490 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(175, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(175, 151, 147)  
}
```

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(175, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 151, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.0123, 33.3538, 32.2490 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(175, 151, 147) }
```


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

```
.border{ border-color:rgb(175, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 151,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0123, 33.3538, 32.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 151, 147) }
```

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

```
.background{ background-color: rgb(175,  
151, 147) }
```

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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