

Converting Colors

XYZ(33.9276, 34.0373, 29.5932)

Have a look what the booklet for
XYZ(33.9276, 34.0373, 29.5932)
contains.

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Color

**XYZ(33.9684, 34.1186,
29.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9A8C
RGB	175, 154, 140
RGB Percent	69%, 60%, 55%
CMY	0.3137, 0.3961, 0.4510
CMYK	0.00, 0.12, 0.20, 0.31
HSL	24°, 18%, 62%
HSV	24°, 20%, 69%
XYZ	33.9684, 34.1186, 29.6062
YIQ	158.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

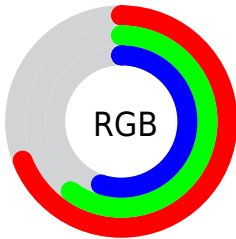
Format	Color
R _{YB}	175, 163, 140
Decimal	11508364
CIE Lab	65.06, 5.44, 10.18
CIE LCh	65, 11.547, 61.869
Yxy	34.1186, 0.3477, 0.3492
Android (android.graphics.Color)	4289698444 (0xFFAF9A8C)
YUV	158.6830, -9.2107, 14.3100
Hunter-Lab	58.4111, 1.5854, 10.8361

Details

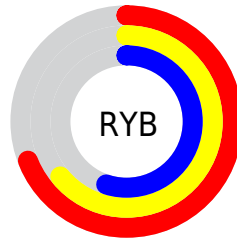
The XYZ color **33.9684, 34.1186, 29.6062** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2977, 34.1595, 45.5015**, and the grayscale version is **32.8459, 34.5565, 37.6320**.

A 20% lighter version of the original color is **65.2485, 65.9957, 60.3384**, and **14.7218, 14.5763, 11.7104** is the 20% darker color. If you saturate the color by 10%, you get **31.1219, 30.3288, 22.7894**, and if you desaturate by 10%, it is **37.1736, 38.2967, 37.5559**.

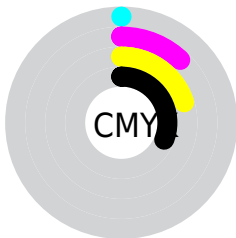
Distribution



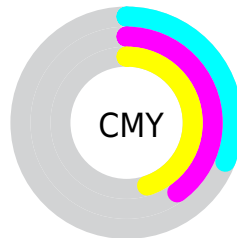
- Red (69%)
- Green (60%)
- Blue (55%)



- Red (69%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9684, 34.1186, 29.6062 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 33.9684, 34.1186, 29.6062 by changing the saturation by 10% instead.


 33.9684, 34.1186,
29.6062


 33.9684, 34.1186,
29.6062


311.5795,
320.6606, 314.2145


 23.0321, 22.9847,
19.2904


 65.2291, 66.1181,
60.0925

 14.7380, 14.5822,
11.7013


 86.2843, 87.7524,
81.1000

 8.7209, 8.5267,
6.4206


 111.4431,
113.6558, 106.5085

 4.6152, 4.4338,
3.0296

141.0709,
144.2124, 136.7365

 2.0557, 1.9191,
1.1098

175.5331,
179.8069, 172.2026

 0.6650, 0.5598,
0.0000

215.1951,

 0.0000, 0.0000,

220.8234, 213.3252

0.0000

260.4221,
267.6465, 260.5230

■ 33.9684, 34.1186,
29.6062

■ 33.9684, 34.1186,
29.6062

■ 31.1219, 30.3288,
22.7894

■ 37.1736, 38.2967,
37.5559

■ 28.6177, 26.9111,
17.0510

■ 40.7474, 42.8695,
46.6852

■ 26.4424, 23.8549,
12.3353

■ 44.7030, 47.8492,
57.0407

■ 24.5802, 21.1470,
8.5808

■ 49.0517, 53.2460,
68.6659

■ 23.0141, 18.7738,
5.7190

■ 53.8046, 59.0695,
81.6022

■ 21.7250, 16.7200,
3.6724

■ 58.9723, 65.3293,
95.8891

■ 20.6910, 14.9693,
2.3499

■ 63.3332, 71.5419,
105.0787

■ 19.8706, 13.4966,
1.5578

■ 66.3011, 77.4776,
106.0680

■ 19.8705, 13.4965,
1.5578

■ 69.4472, 83.7699,
107.1167

Harmonies

Analogous

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



35.2366, 34.1186, 32.4966



33.9684, 34.1186, 29.6062



32.3240, 34.1186, 28.6851

Triad

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



33.9684, 34.1186, 29.6062



29.3202, 34.1186, 37.4505



34.1561, 34.1186, 45.5311

Complementary

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



33.9684, 34.1186, 29.6062



31.2977, 34.1595, 45.5015

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.



32.5337, 34.1186, 47.1336



33.9684, 34.1186, 29.6062



29.7741, 34.1186, 42.2263

Square

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



33.9684, 34.1186, 29.6062



29.6751, 34.1186, 32.9747



30.9363, 34.1186, 45.8759



35.3476, 34.1186, 41.6622

Rectangle

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



33.9684, 34.1186, 29.6062



31.2458, 34.1186, 29.2423



30.9363, 34.1186, 45.8759



33.6411, 34.1186, 46.3669

Sweetspot

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



33.9693, 34.1201, 29.6069



68.9898, 71.6927, 73.3745



33.4906, 30.4438, 37.8296



15.2449, 15.8206, 16.0823



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.



33.9693, 34.1201, 29.6069



58.5085, 58.0258, 47.3892



37.0706, 40.3227, 30.6407



8.2584, 8.5216, 8.4229



14.2867, 9.7790, 1.1345



0.4519, 0.3809, 0.0497

Inverse Universe

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



31.2977, 34.1595, 45.5015



52.8465, 58.1066, 81.0673



28.4512, 28.4665, 44.5527



7.9634, 8.5261, 10.1787



9.2191, 9.5720, 30.4062



0.3081, 0.3695, 0.8631

Previews

White Background



This preview shows how the XYZ color 33.9684, 34.1186, 29.6062 looks on a white background.

Color Contrast Check

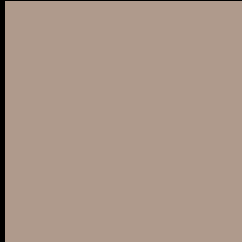
Large Text (above 18pt) WCAG AA × Fail

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 33.9684, 34.1186, 29.6062 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 33.9684, 34.1186, 29.6062

Background



This preview shows how black text looks on a background with the XYZ color 33.9684, 34.1186, 29.6062.



This preview shows how white text looks on a background with the XYZ color 33.9684, 34.1186,

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

33.9684, 34.1186, 29.6062

Protanopia

32.4565, 34.0663, 30.4560

Deuteranopia

34.7843, 34.0532, 29.5505



Tritanopia

35.9483, 34.2068, 38.8903

Trichromacy



Original Color

33.9684, 34.1186, 29.6062

Protanomaly

33.0584, 34.1350, 30.0457

Deuteranomaly

34.4850, 34.1409, 29.5832

Tritanomaly

35.1924, 34.1367, 35.3060

Monochromacy



Original Color

33.9684, 34.1186, 29.6062

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2415, 34.3803, 34.5898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9684, 34.1186, 29.6062 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, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 140)  
}
```

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, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 140) }
```

Border

The CSS property to change the border of an element to XYZ 33.9684, 34.1186, 29.6062 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, 154, 140) }
```


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

```
.border{ border-color:rgb(175, 154, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9684, 34.1186, 29.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 140) }
```

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

```
.background{ background-color: rgb(175,  
154, 140) }
```

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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