

Converting Colors

XYZ(37.2636, 34.9292, 26.9343)

Have a look what the booklet for
XYZ(37.2636, 34.9292, 26.9343)
contains.

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Color

**XYZ(37.1323, 34.8436,
26.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	C19685
RGB	193, 150, 133
RGB Percent	76%, 59%, 52%
CMY	0.2431, 0.4117, 0.4784
CMYK	0.00, 0.22, 0.31, 0.24
HSL	17°, 33%, 64%
HSV	17°, 31%, 76%
XYZ	37.1323, 34.8436, 26.9587
YIQ	160.9190, 31.0850, 3.8290

Conversions

Conversions Part 2

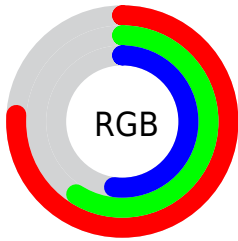
Format	Color
R_{YB}	193, 157, 133
Decimal	12686981
CIE _{Lab}	65.63, 13.68, 15.15
CIE _{LCh}	66, 20.410, 47.922
Yxy	34.8436, 0.3753, 0.3522
Android (android.graphics.Color)	4290877061 (0xFFC19685)
YUV	160.9190, -13.7641, 28.1350
Hunter-Lab	59.0285, 8.9869, 14.2418

Details

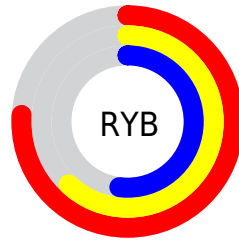
The XYZ color **37.1323, 34.8436, 26.9587** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8234, 39.8862, 56.3156**, and the grayscale version is **33.8912, 35.6562, 38.8296**.

A 20% lighter version of the original color is **69.8801, 67.0549, 55.7142**, and **16.5044, 14.9515, 10.1997** is the 20% darker color. If you saturate the color by 10%, you get **33.8414, 30.2031, 19.8767**, and if you desaturate by 10%, it is **40.9306, 40.1064, 35.4193**.

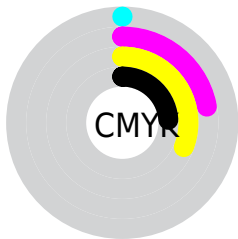
Distribution



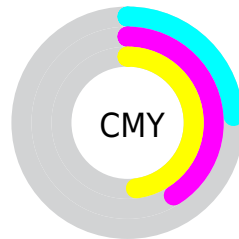
- Red (76%)
- Green (59%)
- Blue (52%)



- Red (76%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1323, 34.8436, 26.9587 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 37.1323, 34.8436, 26.9587 by changing the saturation by 10% instead.


 37.1323, 34.8436,
26.9587

 37.1323, 34.8436,
26.9587


325.2285,
323.8775, 301.2109


 25.4841, 23.5424,
17.3100


 70.0887, 67.2434,
55.8205

 16.5687, 14.9945,
10.2915

 92.1277, 89.1108,
75.8708

 10.0209, 8.8156,
5.4845

 118.3609,
115.2691, 100.2253

 5.4752, 4.6211,
2.4706

149.1537,
146.1027, 129.3026

 2.5663, 2.0267,
0.8245

184.8715,
181.9959, 163.5213

 0.9288, 0.6229,
0.0000

225.8797,

 0.0000, 0.0000,

223.3332, 203.2999

0.0000

272.5436,
270.4989, 249.0569

■ 37.1323, 34.8436,
26.9587

■ 37.1323, 34.8436,
26.9587

■ 33.8414, 30.2031,
19.8767

■ 40.9306, 40.1064,
35.4193

■ 31.0327, 26.1566,
14.0974

■ 45.2545, 46.0086,
45.3246

■ 28.6827, 22.6807,
9.5408


■ 50.1246, 52.5731,
56.7390


■ 26.7651, 19.7485,
6.1171


■ 55.5598, 59.8197,
69.7224

■ 25.2500, 17.3310,
3.7239


■ 61.5778, 67.7676,
84.3312

 24.1036, 15.3956,
2.2398

 68.1956, 76.4352,
100.6193

 23.3442, 14.0411,
1.4798

 73.2474, 84.9675,
107.1476

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



38.9099, 34.8436, 33.0827



37.1323, 34.8436, 26.9587



34.3385, 34.8436, 23.9786

Triad

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



37.1323, 34.8436, 26.9587



27.7955, 34.8436, 34.5886



34.9232, 34.8436, 55.9110

Complementary

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



37.1323, 34.8436, 26.9587



34.8234, 39.8862, 56.3156

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.



31.9264, 34.8436, 56.4770



37.1323, 34.8436, 26.9587



27.9310, 34.8436, 43.2481

Square

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



37.1323, 34.8436, 26.9587



29.0215, 34.8436, 27.9174



29.4036, 34.8436, 51.5564



37.5825, 34.8436, 50.1103

Rectangle

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



37.1323, 34.8436, 26.9587



32.3298, 34.8436, 23.8259



29.4036, 34.8436, 51.5564



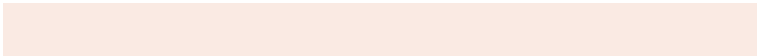
33.9185, 34.8436, 56.7484

Sweetspot

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



37.1332, 34.8452, 26.9594



82.6712, 84.5963, 84.9408



38.2166, 31.2475, 45.0917



17.4729, 17.7929, 17.6118



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.1332, 34.8452, 26.9594



62.5777, 56.8868, 39.7763



42.5474, 45.6736, 28.7641



10.3005, 10.5324, 10.5519



15.5862, 9.4581, 1.0041



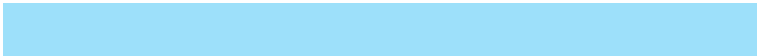
0.7340, 0.5298, 0.0636

Inverse Universe

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



34.8234, 39.8862, 56.3156



57.8037, 67.2560, 100.2954



29.5777, 29.3950, 54.5671



10.1195, 10.9304, 12.8612



12.5468, 14.8501, 35.7617



0.5982, 0.7539, 1.5639

Previews

White Background



This preview shows how the XYZ color 37.1323, 34.8436, 26.9587 looks on a white background.

Color Contrast Check

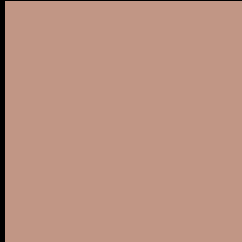
Large Text (above 18pt) WCAG AA × Fail

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 37.1323, 34.8436, 26.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

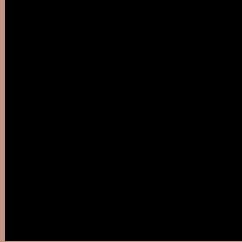
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1323, 34.8436, 26.9587

Background



This preview shows how black text looks on a background with the XYZ color 37.1323, 34.8436, 26.9587.



This preview shows how white text looks on a background with the XYZ color 37.1323, 34.8436,

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

37.1323, 34.8436, 26.9587

Protanopia

33.1340, 34.9561, 29.0456

Deuteranopia

35.5637, 34.7627, 26.6653



Tritanopia

39.2154, 34.7622, 36.9906

Trichromacy



Original Color

37.1323, 34.8436, 26.9587

Protanomaly

34.4639, 34.9016, 28.2128

Deuteranomaly

36.1321, 34.8138, 26.6452

Tritanomaly

38.3642, 34.6395, 33.0978

Monochromacy



Original Color

37.1323, 34.8436, 26.9587

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8765, 35.2325, 34.2405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1323, 34.8436, 26.9587 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(193, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 133)  
}
```

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(193, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 133) }
```

Border

The CSS property to change the border of an element to XYZ 37.1323, 34.8436, 26.9587 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(193, 150, 133) }
```


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

```
.border{ border-color:rgb(193, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(193, 150,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1323, 34.8436, 26.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 133) }
```

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

```
.background{ background-color: rgb(193,  
150, 133) }
```

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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