

Converting Colors

XYZ(33.7081, 33.0331, 26.2311)

Have a look what the booklet for
XYZ(33.7081, 33.0331, 26.2311)
contains.

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Color

**XYZ(33.8255, 33.1547,
26.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	B49683
RGB	180, 150, 131
RGB Percent	71%, 59%, 51%
CMY	0.2941, 0.4117, 0.4863
CMYK	0.00, 0.17, 0.27, 0.29
HSL	23°, 25%, 61%
HSV	23°, 27%, 71%
XYZ	33.8255, 33.1547, 26.0894
YIQ	156.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

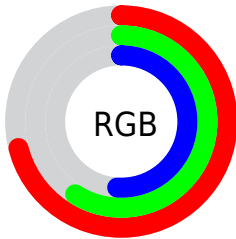
Format	Color
RYB	180, 162, 131
Decimal	11835011
CIELab	64.29, 8.27, 14.20
CIElCh	64, 16.433, 59.795
Yxy	33.1547, 0.3634, 0.3562
Android (android.graphics.Color)	4290025091 (0xFFB49683)
YUV	156.8040, -12.7214, 20.3429
Hunter-Lab	57.5801, 4.0948, 13.4419

Details

The XYZ color **33.8255, 33.1547, 26.0894** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.3429, 33.6094, 48.0683**, and the grayscale version is **32.0083, 33.6752, 36.6723**.

A 20% lighter version of the original color is **64.8367, 64.4793, 54.3759**, and **14.5890, 13.9685, 9.9099** is the 20% darker color. If you saturate the color by 10%, you get **31.0337, 29.3567, 19.6539**, and if you desaturate by 10%, it is **36.9964, 37.3713, 33.6977**.

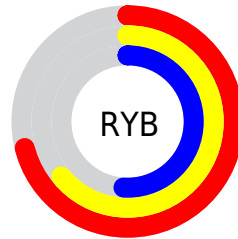
Distribution



Red (71%)

Green (59%)

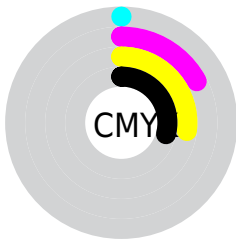
Blue (51%)



Red (71%)

Yellow (64%)

Blue (51%)

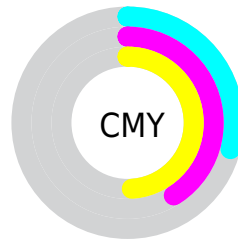


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (41%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8255, 33.1547, 26.0894 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 33.8255, 33.1547, 26.0894 by changing the saturation by 10% instead.


 33.8255, 33.1547,
26.0894


 33.8255, 33.1547,
26.0894


310.9529,
316.3462, 296.8401


 22.9218, 22.2450,
16.6642


 65.0083, 64.6170,
54.4050

 14.6562, 14.0370,
9.8359


 86.0182, 85.9383,
74.1324

 8.6632, 8.1464,
5.1861


 111.1274,
111.4990, 98.1310

 4.5775, 4.1888,
2.2962

140.7015,
141.6834, 126.8193

 2.0337, 1.7797,
0.7291

175.1058,
176.8760, 160.6158

 0.6528, 0.4745,
0.0000

214.7055,

 0.0000, 0.0000,

217.4610, 199.9391

0.0000

259.8661,
263.8230, 245.2077

■ 33.8255, 33.1547,
26.0894

■ 33.8255, 33.1547,
26.0894

■ 31.0337, 29.3567,
19.6539

■ 36.9964, 37.3713,
33.6977

■ 28.6029, 25.9592,
14.3298

■ 40.5583, 42.0147,
42.5318

■ 26.5172, 22.9495,
10.0535

■ 44.5258, 47.0987,
52.6438

■ 24.7586, 20.3124,
6.7536

■ 48.9119, 52.6348,
64.0823

■ 23.3068, 18.0315,
4.3499

■ 53.7290, 58.6343,
76.8933

■ 22.1390, 16.0888,
2.7493

■ 58.9890, 65.1082,
91.1205

■ 21.2240, 14.4625,
1.8165

■ 64.3794, 71.9371,
105.0998

■ 21.0008, 14.0599,
1.6070

■ 67.4928, 78.1640,
106.1376

■ 70.8027, 84.7837,
107.2409

Harmonies

Analogous

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



35.5712, 33.1547, 30.0807



33.8255, 33.1547, 26.0894



31.5286, 33.1547, 24.7088

Triad

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



33.8255, 33.1547, 26.0894



27.2331, 33.1547, 36.0538



33.7963, 33.1547, 48.4463

Complementary

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



33.8255, 33.1547, 26.0894



30.3429, 33.6094, 48.0683

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.



31.4965, 33.1547, 50.5436



33.8255, 33.1547, 26.0894



27.7750, 33.1547, 42.8728

Square

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



33.8255, 33.1547, 26.0894



27.7898, 33.1547, 30.0101



29.3075, 33.1547, 48.3903



35.5538, 33.1547, 42.9622

Rectangle

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



33.8255, 33.1547, 26.0894



30.0165, 33.1547, 25.3035



29.3075, 33.1547, 48.3903



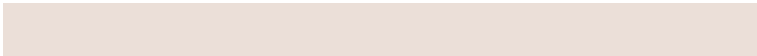
33.0575, 33.1547, 49.5988

Sweetspot

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



33.8264, 33.1562, 26.0901



72.9193, 75.3779, 75.5581



33.3912, 28.5171, 37.5633



15.5445, 16.0120, 15.7901



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.8264, 33.1562, 26.0901



58.0447, 55.6633, 39.6646



38.1102, 41.7240, 27.5180



8.7576, 9.0278, 8.9335



14.7183, 9.9351, 1.1419



0.5207, 0.4278, 0.0551

Inverse Universe

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



30.3429, 33.6094, 48.0683



50.6076, 56.6210, 86.5563



26.5041, 25.9319, 46.7887



8.4604, 9.0670, 10.8105



9.7225, 10.2453, 31.6021



0.3605, 0.4315, 1.0125

Previews

White Background



This preview shows how the XYZ color 33.8255, 33.1547, 26.0894 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 33.8255, 33.1547, 26.0894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

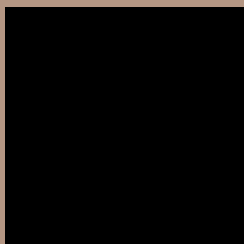
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8255, 33.1547, 26.0894

Background



This preview shows how black text looks on a background with the XYZ color 33.8255, 33.1547, 26.0894.



This preview shows how white text looks on a background with the XYZ color 33.8255, 33.1547,

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

33.8255, 33.1547, 26.0894

Protanopia

31.5014, 33.3907, 27.3390

Deuteranopia

33.8255, 33.1547, 26.0894



Tritanopia

35.9789, 33.0937, 36.8392

Trichromacy



Original Color

33.8255, 33.1547, 26.0894

Protanomaly

32.3668, 33.3507, 26.9217

Deuteranomaly

33.8255, 33.1547, 26.0894

Tritanomaly

35.0704, 32.9506, 32.5287

Monochromacy



Original Color

33.8255, 33.1547, 26.0894

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4179, 33.2487, 32.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8255, 33.1547, 26.0894 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(180, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(180, 150, 131)  
}
```

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(180, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 150, 131) }
```

Border

The CSS property to change the border of an element to XYZ 33.8255, 33.1547, 26.0894 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(180, 150, 131) }
```


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

```
.border{ border-color:rgb(180, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 150, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 150, 131);  
box-shadow:4px 4px 4px 4px rgb(180, 150,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8255, 33.1547, 26.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 150, 131) }
```

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

```
.background{ background-color: rgb(180,  
150, 131) }
```

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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