

Converting Colors

XYZ(34.7965, 33.6381, 32.8955)

Have a look what the booklet for
XYZ(34.7965, 33.6381, 32.8955)
contains.

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Color

**XYZ(34.8515, 33.7681,
33.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	B29795
RGB	178, 151, 149
RGB Percent	70%, 59%, 58%
CMY	0.3020, 0.4078, 0.4157
CMYK	0.00, 0.15, 0.16, 0.30
HSL	4°, 16%, 64%
HSV	4°, 16%, 70%
XYZ	34.8515, 33.7681, 33.1148
YIQ	158.8450, 16.7340, 5.1020

Conversions

Conversions Part 2

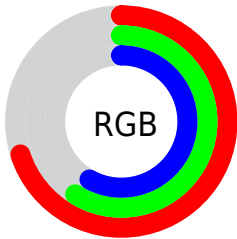
Format	Color
R_{YB}	178, 151, 149
Decimal	11704213
CIE _{Lab}	64.78, 9.69, 4.77
CIE _{LCh}	65, 10.805, 26.221
Yxy	33.7681, 0.3426, 0.3319
Android (android.graphics.Color)	4289894293 (0xFFB29795)
YUV	158.8450, -4.8536, 16.7989
Hunter-Lab	58.1103, 5.3618, 6.8902

Details

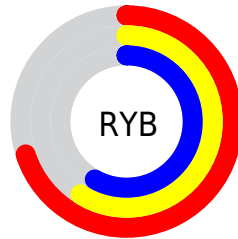
The XYZ color **34.8515, 33.7681, 33.1148** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9554, 40.6537, 48.0716**, and the grayscale version is **32.9007, 34.6141, 37.6947**.

A 20% lighter version of the original color is **66.5425, 65.4669, 65.6291**, and **15.2192, 14.3562, 13.5241** is the 20% darker color. If you saturate the color by 10%, you get **31.0558, 28.2796, 25.3659**, and if you desaturate by 10%, it is **39.2412, 40.0962, 42.1340**.

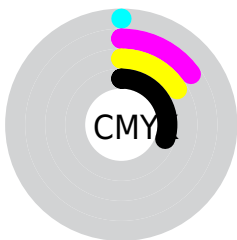
Distribution



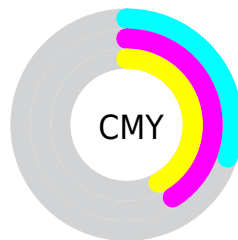
- Red (70%)
- Green (59%)
- Blue (58%)



- Red (70%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (30%)





- Cyan (30%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8515, 33.7681, 33.1148 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 34.8515, 33.7681, 33.1148 by changing the saturation by 10% instead.


 34.8515, 33.7681,
33.1148


 34.8515, 33.7681,
33.1148


315.4319,
319.0968, 330.8146

 23.7145, 22.7155,
21.9426


 66.5912, 65.5729,
65.6728

 15.2455, 14.3836,
13.6168


 87.9246, 87.0939,
87.8956

 9.0793, 8.3879,
7.7189


113.3875,
112.8731, 114.6391

 4.8505, 4.3442,
3.8304

143.3452,
143.2950, 146.3217

 2.1937, 1.8679,
1.5328

178.1632,
178.7439, 183.3620

 0.7394, 0.5290,
0.2422

218.2067,

 0.0000, 0.0000,

219.6042, 226.1786

0.0000

263.8412,
266.2604, 275.1899

■ 34.8515, 33.7681,
33.1148

■ 34.8515, 33.7681,
33.1148

■ 31.0558, 28.2796,
25.3659

■ 39.2412, 40.0962,
42.1340

■ 27.8258, 23.5911,
18.8284

■ 44.2458, 47.2924,
52.4749

■ 25.1354, 19.6666,
13.4415

■ 49.8889, 55.3892,
64.1883

■ 22.9549, 16.4656,
9.1387

■ 56.1919, 64.4164,
77.3220

■ 21.2522, 13.9440,
5.8464

■ 63.1751, 74.4022,
91.9214

■ 19.9911, 12.0524,
3.4821

■ 70.7287, 85.3220,
107.3487

■ 19.1306, 10.7354,
1.9500

■ 72.1702, 88.2050,
107.8292

■ 18.6199, 9.9265,
1.1242

■ 18.4953, 9.7352,
0.9043

Harmonies

Analogous

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



35.1704, 33.7681, 37.3347



34.8515, 33.7681, 33.1148



33.7858, 33.7681, 30.1035

Triad

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



34.8515, 33.7681, 33.1148



29.6754, 33.7681, 32.2120



31.8990, 33.7681, 45.9849

Complementary

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



34.8515, 33.7681, 33.1148



35.9554, 40.6537, 48.0716

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.



30.4627, 33.7681, 44.3493



34.8515, 33.7681, 33.1148



29.2053, 33.7681, 36.2065

Square

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



34.8515, 33.7681, 33.1148



30.7934, 33.7681, 29.6126



29.4889, 33.7681, 40.6799



33.4340, 33.7681, 44.9915

Rectangle

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



34.8515, 33.7681, 33.1148



32.8125, 33.7681, 29.0669



29.4889, 33.7681, 40.6799



31.3891, 33.7681, 45.7211

Sweetspot

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



34.8524, 33.7696, 33.1155



72.1948, 74.1997, 78.5382



36.9510, 34.0975, 45.7431



15.8623, 16.2482, 17.1269



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.



34.8524, 33.7696, 33.1155



60.2841, 57.0230, 54.0832



37.3187, 38.7021, 33.9376



8.5420, 8.5964, 8.8616



13.2517, 7.0019, 0.6531



0.4325, 0.2513, 0.0257

Inverse Universe

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



35.9554, 40.6537, 48.0716



62.7111, 72.1755, 87.0072



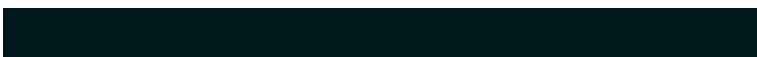
33.2748, 35.2926, 47.1781



8.6914, 9.5290, 10.8875



15.4870, 21.7744, 33.5236



0.5022, 0.7149, 1.0598

Previews

White Background



This preview shows how the XYZ color 34.8515, 33.7681, 33.1148 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 34.8515, 33.7681, 33.1148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

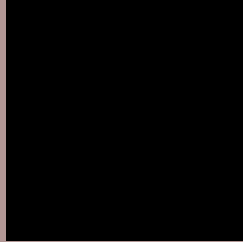
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8515, 33.7681, 33.1148

Background



This preview shows how black text looks on a background with the XYZ color 34.8515, 33.7681, 33.1148.



This preview shows how white text looks on a background with the XYZ color 34.8515, 33.7681,

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

34.8515, 33.7681, 33.1148

Protanopia

32.4224, 33.9580, 34.5515

Deuteranopia

34.5575, 33.8565, 33.1473



Tritanopia

35.7709, 33.6518, 38.3283

Trichromacy



Original Color

34.8515, 33.7681, 33.1148

Protanomaly

33.2436, 33.8925, 34.0679

Deuteranomaly

34.7845, 33.9735, 33.1580

Tritanomaly

35.5826, 33.8307, 36.5529

Monochromacy



Original Color

34.8515, 33.7681, 33.1148

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5307, 34.2505, 35.8541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8515, 33.7681, 33.1148 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(178, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(178, 151, 149)  
}
```

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(178, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 151, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.8515, 33.7681, 33.1148 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(178, 151, 149) }
```


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

```
.border{ border-color:rgb(178, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(178, 151,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8515, 33.7681, 33.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 151, 149) }
```

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

```
.background{ background-color: rgb(178,  
151, 149) }
```

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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