

Converting Colors

XYZ(34.2193, 33.0057, 31.3557)

Have a look what the booklet for
XYZ(34.2193, 33.0057, 31.3557)
contains.

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Color

**XYZ(34.2184, 33.0042,
31.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	B29591
RGB	178, 149, 145
RGB Percent	70%, 58%, 57%
CMY	0.3020, 0.4157, 0.4314
CMYK	0.00, 0.16, 0.19, 0.30
HSL	7°, 18%, 63%
HSV	7°, 19%, 70%
XYZ	34.2184, 33.0042, 31.3550
YIQ	157.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

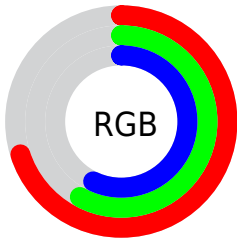
Format	Color
RYB	178, 150, 145
Decimal	11703697
CIELab	64.16, 10.16, 6.14
CIElCh	64, 11.871, 31.157
Yxy	33.0042, 0.3471, 0.3348
Android (android.graphics.Color)	4289893777 (0xFFB29591)
YUV	157.2150, -6.0220, 18.2284
Hunter-Lab	57.4493, 5.7834, 7.8549

Details

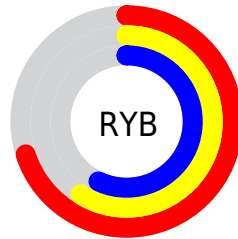
The XYZ color **34.2184, 33.0042, 31.3550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8487, 39.5053, 47.9084**, and the grayscale version is **32.1658, 33.8409, 36.8527**.

A 20% lighter version of the original color is **65.5964, 64.3278, 62.9920**, and **14.8907, 13.9216, 12.7288** is the 20% darker color. If you saturate the color by 10%, you get **30.6415, 27.8774, 23.9133**, and if you desaturate by 10%, it is **38.3445, 38.8847, 40.0415**.

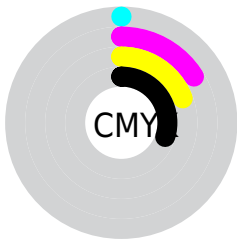
Distribution



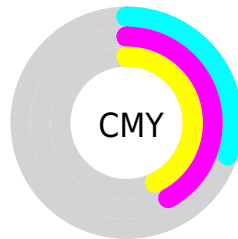
- Red (70%)
- Green (58%)
- Blue (57%)



- Red (70%)
- Yellow (59%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2184, 33.0042, 31.3550 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 34.2184, 33.0042, 31.3550 by changing the saturation by 10% instead.


 34.2184, 33.0042,
31.3550


 34.2184, 33.0042,
31.3550


312.6736,
315.6687, 322.5722

 23.2251, 22.1297,
20.6086


 65.6152, 64.3821,
62.8847

 14.8814, 13.9522,
12.6497


 86.7494, 85.6542,
84.5050

 8.8220, 8.0874,
7.0599


111.9946,
111.1610, 110.5871

 4.6814, 4.1509,
3.4206

141.7163,
141.2869, 141.5494

 2.0944, 1.7584,
1.3132

176.2796,
176.4162, 177.8105

 0.6862, 0.4610,
0.0726

216.0500,

 0.0000, 0.0000,

216.9333, 219.7890

0.0000

261.3929,
263.2227, 267.9034

■ 34.2184, 33.0042,
31.3550

■ 34.2184, 33.0042,
31.3550

■ 30.6415, 27.8774,
23.9133

■ 38.3445, 38.8847,
40.0415

■ 27.5881, 23.4695,
17.6575

■ 43.0389, 45.5429,
50.0241

■ 25.0341, 19.7497,
12.5266

■ 48.3230, 53.0075,
61.3537

■ 22.9527, 16.6831,
8.4539

■ 54.2164, 61.3042,
74.0777

■ 21.3147, 14.2318,
5.3651

■ 60.7377, 70.4576,
88.2414

■ 20.0872, 12.3539,
3.1766

■ 67.9048, 80.4913,
103.8880

■ 19.2328, 11.0024,
1.7907

■ 72.1702, 88.2051,
107.8292

■ 18.6986, 10.1190,
1.0423

■ 18.6395, 10.0235,
0.9523

Harmonies

Analogous

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



34.7143, 33.0042, 35.7493



34.2184, 33.0042, 31.3550



32.9552, 33.0042, 28.4201

Triad

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



34.2184, 33.0042, 31.3550



28.6218, 33.0042, 31.6516



31.4348, 33.0042, 46.0112

Complementary

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



34.2184, 33.0042, 31.3550



34.8487, 39.5053, 47.9084

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.



29.8355, 33.0042, 44.6722



34.2184, 33.0042, 31.3550



28.2468, 33.0042, 36.1233

Square

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



34.2184, 33.0042, 31.3550



29.7263, 33.0042, 28.5803



28.6833, 33.0042, 40.9427



33.0722, 33.0042, 44.4564

Rectangle

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



34.2184, 33.0042, 31.3550



31.8692, 33.0042, 27.5411



28.6833, 33.0042, 40.9427



30.8751, 33.0042, 45.8838

Sweetspot

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



34.2193, 33.0057, 31.3557



71.5114, 73.3227, 76.8005



36.1405, 32.7781, 44.5435



15.7267, 16.0790, 16.7678



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.



34.2193, 33.0057, 31.3557



59.4464, 56.1225, 51.4151



36.9897, 38.5464, 32.2791



8.5767, 8.6659, 8.8732



13.3624, 7.2233, 0.6900



0.4469, 0.2802, 0.0305

Inverse Universe

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



34.8487, 39.5053, 47.9084



60.7859, 69.9676, 86.6825



31.8806, 33.5690, 46.9190



8.6529, 9.4521, 10.8747



14.3357, 19.4718, 33.1398



0.4757, 0.6618, 1.0509

Previews

White Background



This preview shows how the XYZ color 34.2184, 33.0042, 31.3550 looks on a white background.

Color Contrast Check

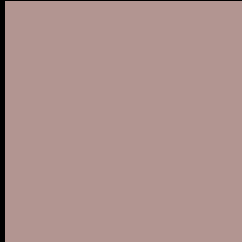
Large Text (above 18pt) WCAG AA × Fail

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 34.2184, 33.0042, 31.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

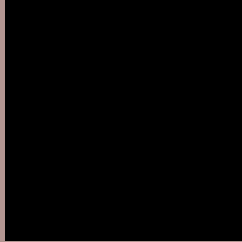
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2184, 33.0042, 31.3550

Background



This preview shows how black text looks on a background with the XYZ color 34.2184, 33.0042, 31.3550.



This preview shows how white text looks on a background with the XYZ color 34.2184, 33.0042,

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

34.2184, 33.0042, 31.3550

Protanopia

31.5638, 33.0544, 32.7335

Deuteranopia

33.6964, 32.9710, 31.3761



Tritanopia

35.4277, 33.0394, 36.8577

Trichromacy



Original Color

34.2184, 33.0042, 31.3550

Protanomaly

32.5940, 33.1045, 32.2757

Deuteranomaly

33.9217, 33.0871, 31.3867

Tritanomaly

34.9301, 33.0634, 34.6779

Monochromacy



Original Color

34.2184, 33.0042, 31.3550

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.8224, 33.4104, 34.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2184, 33.0042, 31.3550 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, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(178, 149, 145)  
}
```

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, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 149, 145) }
```

Border

The CSS property to change the border of an element to XYZ 34.2184, 33.0042, 31.3550 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, 149, 145) }
```


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

```
.border{ border-color:rgb(178, 149, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(178, 149,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2184, 33.0042, 31.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 149, 145) }
```

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

```
.background{ background-color: rgb(178,  
149, 145) }
```

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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