

Converting Colors

XYZ(34.2321, 33.4939, 31.0463)

Have a look what the booklet for
XYZ(34.2321, 33.4939, 31.0463)
contains.

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Color

**XYZ(34.2321, 33.4939,
31.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	B19790
RGB	177, 151, 144
RGB Percent	69%, 59%, 56%
CMY	0.3059, 0.4078, 0.4353
CMYK	0.00, 0.15, 0.19, 0.31
HSL	13°, 17%, 63%
HSV	13°, 19%, 69%
XYZ	34.2321, 33.4939, 31.0463
YIQ	157.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

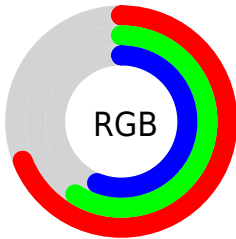
Format	Color
RYB	177, 153, 144
Decimal	11638672
CIELab	64.56, 8.51, 7.26
CIELCh	65, 11.181, 40.471
Yxy	33.4939, 0.3466, 0.3391
Android (android.graphics.Color)	4289828752 (0xFFB19790)
YUV	157.9760, -6.8902, 16.6840
Hunter-Lab	57.8739, 4.3024, 8.7058

Details

The XYZ color **34.2321, 33.4939, 31.0463** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8119, 37.8523, 47.1194**, and the grayscale version is **32.5138, 34.2071, 37.2515**.

A 20% lighter version of the original color is **65.6286, 65.0635, 62.5256**, and **14.8897, 14.2076, 12.5472** is the 20% darker color. If you saturate the color by 10%, you get **30.8712, 28.7698, 23.7667**, and if you desaturate by 10%, it is **38.0724, 38.8367, 39.5329**.

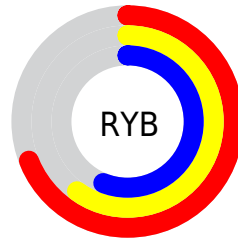
Distribution



Red (69%)

Green (59%)

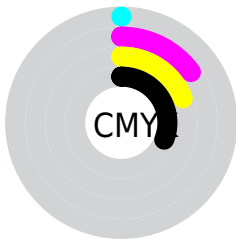
Blue (56%)



Red (69%)

Yellow (60%)

Blue (56%)

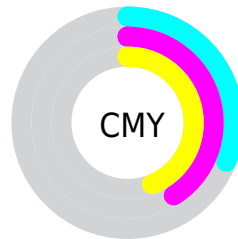


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2321, 33.4939, 31.0463 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 34.2321, 33.4939, 31.0463 by changing the saturation by 10% instead.

 34.2321, 33.4939,
31.0463


 34.2321, 33.4939,
31.0463

312.7335,
317.8694, 321.1094

 23.2357, 22.5051,
20.3753


 65.6363, 65.1459,
62.3934

 14.8893, 14.2285,
12.4814

 86.7749, 86.5778,
83.9066

 8.8275, 8.2798,
6.9459


112.0248,
112.2595, 109.8710

 4.6851, 4.2745,
3.3504

141.7516,
142.5755, 140.7051

 2.0965, 1.8283,
1.2762

176.3205,
177.9101, 176.8274

 0.6873, 0.5047,
0.0422

216.0968,

 0.0000, 0.0000,

218.6477, 218.6566

0.0000

261.4461,
265.1727, 266.6110

■ 34.2321, 33.4939,
31.0463

■ 34.2321, 33.4939,
31.0463

■ 30.8712, 28.7698,
23.7667

■ 38.0724, 38.8367,
39.5329

■ 27.9679, 24.6376,
17.6371

■ 42.4073, 44.8150,
49.2760

■ 25.5028, 21.0750,
12.5989

■ 47.2549, 51.4503,
60.3245

■ 23.4537, 18.0566,
8.5874

■ 52.6312, 58.7621,
72.7245

■ 21.7969, 15.5552,
5.5313

■ 58.5518, 66.7687,
86.5195

■ 20.5058, 13.5409,
3.3498

■ 65.0316, 75.4881,
101.7513

■ 19.5501, 11.9807,
1.9486

■ 69.9371, 84.0781,
107.1504

■ 18.8853, 10.8335,
1.1646

■ 71.9416, 88.0872,
107.8185

■ 18.8108, 10.7056,
1.0749

Harmonies

Analogous

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



34.9557, 33.4939, 34.8919



34.2321, 33.4939, 31.0463



32.8740, 33.4939, 28.7826

Triad

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



34.2321, 33.4939, 31.0463



29.0238, 33.4939, 33.6036



32.3971, 33.4939, 45.8332

Complementary

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



34.2321, 33.4939, 31.0463



33.8119, 37.8523, 47.1194

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.



30.8180, 33.4939, 45.4152



34.2321, 33.4939, 31.0463



28.9057, 33.4939, 38.0933

Square

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



34.2321, 33.4939, 31.0463



29.8804, 33.4939, 30.1713



29.5524, 33.4939, 42.4894



33.8729, 33.4939, 43.5876

Rectangle

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



34.2321, 33.4939, 31.0463



31.8097, 33.4939, 28.3523



29.5524, 33.4939, 42.4894



31.8602, 33.4939, 46.0038

Sweetspot

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



34.2330, 33.4954, 31.0470



70.0735, 72.1661, 75.0191



35.3987, 32.2115, 42.5810



15.0836, 15.4979, 16.0285



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.



34.2330, 33.4954, 31.0470



58.9645, 56.7033, 50.4902



37.0029, 39.0352, 31.9703



8.6377, 8.7879, 8.8935



13.6661, 7.8308, 0.7912



0.4721, 0.3306, 0.0389

Inverse Universe

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



33.8119, 37.8523, 47.1194



58.0810, 65.8210, 84.1388



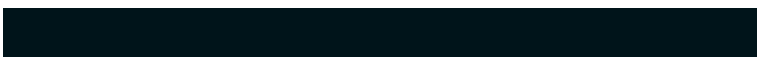
30.9769, 32.1823, 46.1744



8.5866, 9.3193, 10.8526



12.5302, 15.8608, 32.5380



0.4326, 0.5758, 1.0366

Previews

White Background



This preview shows how the XYZ color 34.2321, 33.4939, 31.0463 looks on a white background.

Color Contrast Check

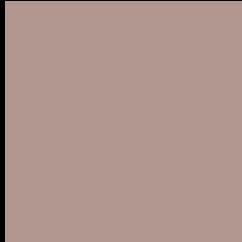
Large Text (above 18pt) WCAG AA × Fail

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 34.2321, 33.4939, 31.0463 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 34.2321, 33.4939, 31.0463

Background



This preview shows how black text looks on a background with the XYZ color 34.2321, 33.4939, 31.0463.



This preview shows how white text looks on a background with the XYZ color 34.2321, 33.4939,

31.0463.

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

34.2321, 33.4939, 31.0463

Protanopia

32.0552, 33.5649, 32.3929

Deuteranopia

34.2321, 33.4939, 31.0463



Tritanopia

35.6830, 33.6167, 37.8657

Trichromacy



Original Color

34.2321, 33.4939, 31.0463

Protanomaly

32.6803, 33.4020, 31.9189

Deuteranomaly

34.2321, 33.4939, 31.0463

Tritanomaly

35.0992, 33.6108, 35.2094

Monochromacy



Original Color

34.2321, 33.4939, 31.0463

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9882, 33.7419, 34.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2321, 33.4939, 31.0463 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(177, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 144)  
}
```

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(177, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 144) }
```

Border

The CSS property to change the border of an element to XYZ 34.2321, 33.4939, 31.0463 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(177, 151, 144) }
```


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

```
.border{ border-color:rgb(177, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2321, 33.4939, 31.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 144) }
```

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

```
.background{ background-color: rgb(177,  
151, 144) }
```

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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