

Converting Colors

XYZ(31.7770, 29.4231, 34.1414)

Have a look what the booklet for
XYZ(31.7770, 29.4231, 34.1414)
contains.

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Color

**XYZ(31.7770, 29.4231,
34.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8B99
RGB	171, 139, 153
RGB Percent	67%, 55%, 60%
CMY	0.3294, 0.4549, 0.4000
CMYK	0.00, 0.19, 0.11, 0.33
HSL	334°, 16%, 61%
HSV	334°, 19%, 67%
XYZ	31.7770, 29.4231, 34.1414
YIQ	150.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

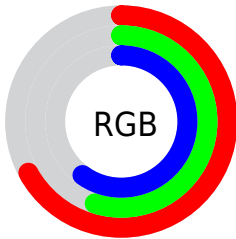
Format	Color
RYB	171, 139, 153
Decimal	11242393
CIELab	61.15, 14.47, -2.85
CIELCh	61, 14.747, 348.851
Yxy	29.4231, 0.3333, 0.3086
Android (android.graphics.Color)	4289432473 (0xFFAB8B99)
YUV	150.1640, 1.3981, 18.2732
Hunter-Lab	54.2431, 9.6446, 0.6521

Details

The XYZ color **31.7770, 29.4231, 34.1414** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2974, 37.0499, 37.4019**, and the grayscale version is **29.0497, 30.5625, 33.2826**.

A 20% lighter version of the original color is **62.0110, 58.9758, 67.1466**, and **13.4419, 11.9556, 14.1696** is the 20% darker color. If you saturate the color by 10%, you get **28.7294, 24.5483, 29.3624**, and if you desaturate by 10%, it is **35.2777, 35.1007, 39.3882**.

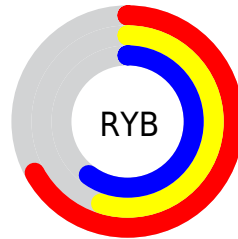
Distribution



Red (67%)

Green (55%)

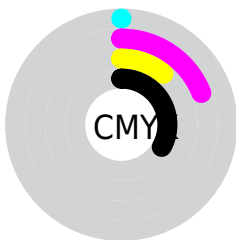
Blue (60%)



Red (67%)

Yellow (55%)

Blue (60%)

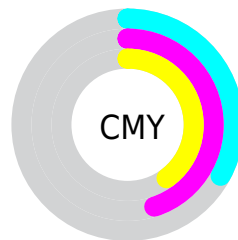


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7770, 29.4231, 34.1414 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 31.7770, 29.4231, 34.1414 by changing the saturation by 10% instead.


 31.7770, 29.4231,
34.1414


 31.7770, 29.4231,
34.1414


301.8655,
299.2061, 335.5505


 21.3459, 19.4011,
22.7240


 61.8289, 58.7486,
67.2899

 13.4910, 11.9605,
14.1865


 82.1804, 78.8210,
89.8581

 7.8468, 6.7168,
8.1102


 106.5695,
103.0122, 116.9803

 4.0481, 3.2856,
4.0768

135.3615,
131.7068, 149.0751

 1.7294, 1.2826,
1.6676

168.9217,
165.2891, 186.5609

 0.4745, 0.1277,
0.3384

207.6156,

 0.0000, 0.0000,

204.1435, 229.8564

0.0000

251.8084,
248.6543, 279.3801

■ 31.7770, 29.4231,
34.1414

■ 31.7770, 29.4231,
34.1414

■ 28.7294, 24.5483,
29.3624

■ 35.2777, 35.1007,
39.3882

■ 26.1129, 20.4359,
25.0354

■ 39.2471, 41.6114,
45.1142

■ 23.9073, 17.0478,
21.1463

■ 43.7033, 48.9886,
51.3326

■ 22.0900, 14.3411,
17.6797

■ 48.6626, 57.2627,
58.0556

■ 20.6357, 12.2683,
14.6187

■ 54.1406, 66.4627,
65.2949

■ 19.5164, 10.7757,
11.9452

■ 60.1521, 76.6163,
73.0618

■ 18.6990, 9.8006,
9.6392

■ 65.5180, 85.3633,
80.9694

■ 18.1247, 9.2283,
7.6713

■ 66.8319, 85.8889,
87.8884

■ 18.0580, 9.1633,
7.4383

■ 68.2204, 86.4443,
95.2000

Harmonies

Analogous

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



30.8618, 29.4231, 39.5716



31.7770, 29.4231, 34.1414



31.6364, 29.4231, 28.7159

Triad

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



31.7770, 29.4231, 34.1414



26.7808, 29.4231, 22.9744



25.5885, 29.4231, 40.7482

Complementary

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



31.7770, 29.4231, 34.1414



31.2974, 37.0499, 37.4019

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.



24.5907, 29.4231, 35.6042



31.7770, 29.4231, 34.1414



25.2569, 29.4231, 25.5248

Square

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



31.7770, 29.4231, 34.1414



28.6913, 29.4231, 22.6789



24.4722, 29.4231, 30.0204



27.2526, 29.4231, 43.6687

Rectangle

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



31.7770, 29.4231, 34.1414



30.9643, 29.4231, 25.8071



24.4722, 29.4231, 30.0204



25.1674, 29.4231, 39.1960

Sweetspot

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



31.7778, 29.4244, 34.1420



64.9497, 65.7545, 73.1296



30.4112, 28.5349, 42.4334



14.3880, 14.5064, 16.1682



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.7778, 29.4244, 34.1420



54.8120, 49.3223, 57.9022



30.9219, 29.4554, 28.4834



8.1453, 8.0714, 9.0759



13.6385, 6.9180, 5.7420



0.4072, 0.2036, 0.3061

Inverse Universe

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



31.7778, 29.4244, 34.1420



54.8120, 49.3223, 57.9022



32.2616, 36.9550, 43.9611



8.1453, 8.0714, 9.0759



13.6385, 6.9180, 5.7420



0.4072, 0.2036, 0.3061

Previews

White Background



This preview shows how the XYZ color 31.7770, 29.4231, 34.1414 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7770, 29.4231, 34.1414 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 × Fail

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

XYZ 31.7770, 29.4231, 34.1414

Background



This preview shows how black text looks on a background with the XYZ color 31.7770, 29.4231, 34.1414.



This preview shows how white text looks on a background with the XYZ color 31.7770, 29.4231,

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

31.7770, 29.4231, 34.1414

Protanopia

28.8180, 29.6320, 36.5484

Deuteranopia

29.9872, 29.3855, 33.7972



Tritanopia

31.5322, 29.3252, 32.8526

Trichromacy



Original Color

31.7770, 29.4231, 34.1414

Protanomaly

29.6843, 29.4147, 35.5656

Deuteranomaly

30.6503, 29.5055, 33.7854

Tritanomaly

31.6131, 29.3575, 33.2785

Monochromacy



Original Color

31.7770, 29.4231, 34.1414

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.9653, 30.0612, 33.5012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7770, 29.4231, 34.1414 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(171, 139, 153)` looks like.

```
.text, #text, p{  
    color:rgb(171, 139, 153)  
}
```

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(171, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 139, 153) }
```

Border

The CSS property to change the border of an element to XYZ 31.7770, 29.4231, 34.1414 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(171, 139, 153) }
```


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

```
.border{ border-color:rgb(171, 139, 153) }
```

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

Here you see how a box with a 4 pixel rgb(171, 139, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 139, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 139, 153);  
box-shadow:4px 4px 4px 4px rgb(171, 139,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7770, 29.4231, 34.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 139, 153) }
```

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

```
.background{ background-color: rgb(171,  
139, 153) }
```

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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