

Converting Colors

XYZ(34.7174, 29.5369, 31.5430)

Have a look what the booklet for
XYZ(34.7174, 29.5369, 31.5430)
contains.

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Color

**XYZ(34.7529, 29.5563,
31.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8493
RGB	190, 132, 147
RGB Percent	75%, 52%, 58%
CMY	0.2549, 0.4823, 0.4235
CMYK	0.00, 0.31, 0.23, 0.25
HSL	344°, 31%, 63%
HSV	344°, 31%, 75%
XYZ	34.7529, 29.5563, 31.4770
YIQ	151.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

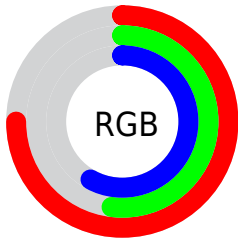
Format	Color
RYB	190, 132, 147
Decimal	12485779
CIELab	61.27, 24.48, 0.98
CIELCh	61, 24.498, 2.292
Yxy	29.5563, 0.3628, 0.3086
Android (android.graphics.Color)	4290675859 (0xFFBE8493)
YUV	151.0520, -1.9976, 34.1574
Hunter-Lab	54.3657, 18.9649, 3.7279

Details

The XYZ color **34.7529, 29.5563, 31.4770** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6683, 44.8282, 47.3325**, and the grayscale version is **29.4378, 30.9708, 33.7272**.

A 20% lighter version of the original color is **66.4593, 59.1090, 63.1647**, and **15.1666, 12.0486, 12.8355** is the 20% darker color. If you saturate the color by 10%, you get **31.3686, 24.4496, 25.2250**, and if you desaturate by 10%, it is **38.7435, 35.6583, 38.5997**.

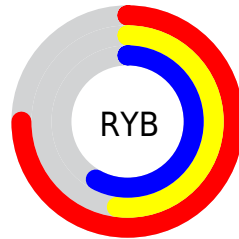
Distribution



Red (75%)

Green (52%)

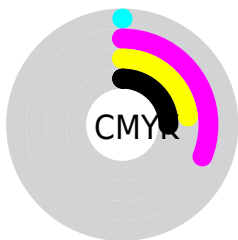
Blue (58%)



Red (75%)

Yellow (52%)

Blue (58%)

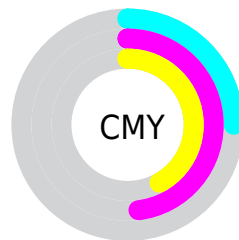


Cyan (0%)

Magenta (31%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7529, 29.5563, 31.4770 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 34.7529, 29.5563, 31.4770 by changing the saturation by 10% instead.


 34.7529, 29.5563,
31.4770


 34.7529, 29.5563,
31.4770


315.0035,
299.8308, 323.1489


 23.6382, 19.5021,
20.7008


 66.4393, 58.9598,
63.0786

 15.1887, 12.0336,
12.7164


 87.7418, 79.0778,
84.7412

 9.0391, 6.7666,
7.1051


 113.1709,
103.3192, 110.8696

 4.8240, 3.3165,
3.4485

143.0920,
132.0684, 141.8825

 2.1781, 1.2991,
1.3279

177.8705,
165.7097, 178.1983

 0.7311, 0.1405,
0.0845

217.8716,

 0.0000, 0.0000,

204.6277, 220.2356

0.0000

263.4608,
249.2065, 268.4129

■ 34.7529, 29.5563,
31.4770

■ 34.7529, 29.5563,
31.4770

■ 31.3686, 24.4496,
25.2250

■ 38.7435, 35.6583,
38.5997

■ 28.5578, 20.2812,
19.8077

■ 43.3660, 42.8006,
46.6234

■ 26.2881, 16.9946,
15.1892


■ 48.6478, 51.0301,
55.5794


■ 24.5230, 14.5253,
11.3302


■ 54.6136, 60.3899,
65.4965


■ 23.2212, 12.8003,
8.1877


■ 61.2870, 70.9207,
76.4028

 22.3343, 11.7330,
5.7140

 68.6905, 82.6610,
88.3247

 21.7923, 11.1700,
3.9274

 73.5702, 89.0971,
100.1961

 75.0452, 89.6872,
107.9638

Harmonies

Analogous

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



33.9458, 29.5563, 41.1626



34.7529, 29.5563, 31.4770



33.6653, 29.5563, 23.5984

Triad

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



34.7529, 29.5563, 31.4770



24.9091, 29.5563, 19.3860



25.3075, 29.5563, 50.5974

Complementary

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



34.7529, 29.5563, 31.4770



35.6683, 44.8282, 47.3325

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.



23.1712, 29.5563, 42.6287



34.7529, 29.5563, 31.4770



22.9538, 29.5563, 24.6126

Square

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



34.7529, 29.5563, 31.4770



27.8452, 29.5563, 17.5022



22.3424, 29.5563, 32.8970



28.3410, 29.5563, 53.3804

Rectangle

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



34.7529, 29.5563, 31.4770



32.0571, 29.5563, 20.0805



22.3424, 29.5563, 32.8970



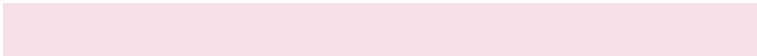
24.4688, 29.5563, 48.3699

Sweetspot

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



34.7537, 29.5577, 31.4776



79.8323, 79.4969, 86.6231



35.1212, 29.2818, 52.5162



17.2377, 17.0023, 18.5204



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.7537, 29.5577, 31.4776



58.5282, 46.8327, 48.8655



35.6081, 33.0286, 26.3300



9.6287, 9.5758, 10.4338



14.5184, 7.4385, 2.7574



0.5964, 0.3025, 0.2542

Inverse Universe

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



34.7537, 29.5577, 31.4776



58.5282, 46.8327, 48.8655



34.4280, 39.8582, 54.5941



9.6287, 9.5758, 10.4338



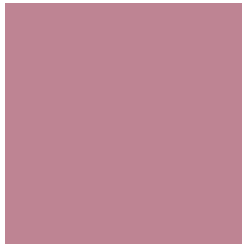
14.5184, 7.4385, 2.7574



0.5964, 0.3025, 0.2542

Previews

White Background



This preview shows how the XYZ color 34.7529, 29.5563, 31.4770 looks on a white background.

Color Contrast Check

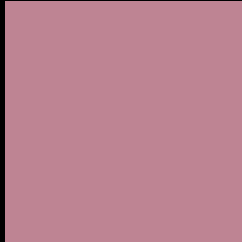
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7529, 29.5563, 31.4770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

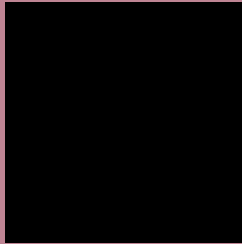
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7529, 29.5563, 31.4770

Background



This preview shows how black text looks on a background with the XYZ color 34.7529, 29.5563, 31.4770.



This preview shows how white text looks on a background with the XYZ color 34.7529, 29.5563,

31.4770.

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

34.7529, 29.5563, 31.4770

Protanopia

28.8289, 29.6573, 35.6575

Deuteranopia

30.2431, 29.5818, 30.9039



Tritanopia

34.5807, 29.7054, 29.8977

Trichromacy



Original Color

34.7529, 29.5563, 31.4770

Protanomaly

30.7326, 29.5384, 34.2187

Deuteranomaly

31.6545, 29.4248, 31.2053

Tritanomaly

34.6568, 29.7358, 30.2985

Monochromacy



Original Color

34.7529, 29.5563, 31.4770

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.9953, 30.1479, 33.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7529, 29.5563, 31.4770 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(190, 132, 147)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 147)  
}
```

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(190, 132, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.7529, 29.5563, 31.4770 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(190, 132, 147) }
```


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

```
.border{ border-color:rgb(190, 132, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 132, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 132, 147); box-shadow:4px 4px 4px 4px rgb(190, 132, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7529, 29.5563, 31.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 147) }
```

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

```
.background{ background-color: rgb(190,  
132, 147) }
```

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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