

Converting Colors

XYZ(34.2425, 29.8822, 42.9240)

Have a look what the booklet for
XYZ(34.2425, 29.8822, 42.9240)
contains.

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Color

**XYZ(34.1550, 29.8170,
42.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	B088AC
RGB	176, 136, 172
RGB Percent	69%, 53%, 67%
CMY	0.3098, 0.4666, 0.3255
CMYK	0.00, 0.23, 0.02, 0.31
HSL	306°, 20%, 61%
HSV	306°, 23%, 69%
XYZ	34.1550, 29.8170, 42.9848
YIQ	152.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

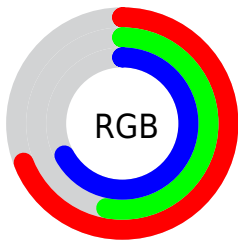
Format	Color
R_{YB}	176, 136, 172
Decimal	11569324
CIE _{Lab}	61.50, 21.44, -13.10
CIE _{LCh}	61, 25.127, 328.568
Yxy	29.8170, 0.3193, 0.2788
Android (android.graphics.Color)	4289759404 (0xFFB088AC)
YUV	152.0640, 9.8284, 20.9919
Hunter-Lab	54.6049, 16.0918, -8.4494

Details

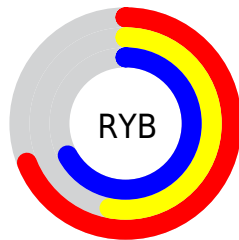
The XYZ color **34.1550, 29.8170, 42.9848** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.4135, 38.1791, 30.5789**, and the grayscale version is **29.8286, 31.3820, 34.1750**.

A 20% lighter version of the original color is **65.5573, 59.5288, 80.7080**, and **14.8863, 12.2226, 19.3439** is the 20% darker color. If you saturate the color by 10%, you get **31.7093, 25.1939, 41.3413**, and if you desaturate by 10%, it is **37.0118, 35.2577, 44.7770**.

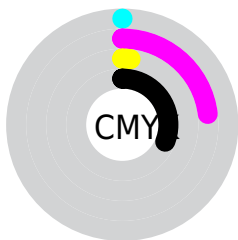
Distribution



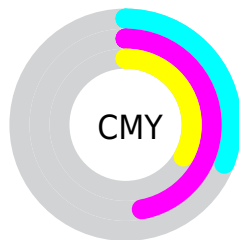
- Red (69%)
- Green (53%)
- Blue (67%)



- Red (69%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1550, 29.8170, 42.9848 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 34.1550, 29.8170, 42.9848 by changing the saturation by 10% instead.


 34.1550, 29.8170,
42.9848


 34.1550, 29.8170,
42.9848


312.3964,
301.0505, 374.4686


 23.1762, 19.6997,
29.5419


 65.5173, 59.3727,
80.9740

 14.8450, 12.1770,
19.2420


 86.6315, 79.5798,
106.3574

 8.7963, 6.8643,
11.6667


 111.8549,
103.9191, 136.5580

 4.6646, 3.3774,
6.3974

141.5527,
132.7748, 171.9945

 2.0846, 1.3318,
3.0155

176.0904,
166.5314, 213.0852

 0.6808, 0.1656,
1.1026

215.8334,

 0.0000, 0.0000,

205.5733, 260.2487

0.0000

261.1469,
250.2849, 313.9037

■ 34.1550, 29.8170,
42.9848

■ 34.1550, 29.8170,
42.9848

■ 31.7093, 25.1939,
41.3413

■ 37.0118, 35.2577,
44.7770

■ 29.6521, 21.3447,
39.8380

■ 40.2954, 41.5490,
46.7223

■ 27.9628, 18.2277,
38.4683

■ 44.0241, 48.7269,
48.8270

■ 26.6177, 15.7957,
37.2243

■ 48.2144, 56.8242,
51.0968

■ 25.5906, 13.9959,
36.0971

■ 52.8817, 65.8721,
53.5368

■ 24.8511, 12.7681,
35.0767

■ 58.0409, 75.9001,
56.1520

■ 24.3633, 12.0399,
34.1509

■ 62.3502, 84.2244,
58.4952

■ 24.1107, 11.7126,
33.5183

■ 62.5363, 84.2988,
59.4753

■ 62.7247, 84.3742,
60.4676

Harmonies

Analogous

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



31.5099, 29.8170, 51.3552



34.1550, 29.8170, 42.9848



35.2266, 29.8170, 32.9256

Triad

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



34.1550, 29.8170, 42.9848



28.5003, 29.8170, 17.3816



23.0862, 29.8170, 42.0359

Complementary

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



34.1550, 29.8170, 42.9848



30.4135, 38.1791, 30.5789

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.



22.4153, 29.8170, 32.0100



34.1550, 29.8170, 42.9848



25.3905, 29.8170, 18.8898

Square

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



34.1550, 29.8170, 42.9848



31.8079, 29.8170, 19.2107



23.2259, 29.8170, 23.8200



25.1341, 29.8170, 50.7363

Rectangle

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



34.1550, 29.8170, 42.9848



34.8454, 29.8170, 26.9755



23.2259, 29.8170, 23.8200



22.6995, 29.8170, 38.6544

Sweetspot

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



34.1559, 29.8183, 42.9854



70.3655, 70.1435, 83.1516



27.4572, 26.3199, 44.7078



15.1749, 15.0587, 17.9763



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.



34.1559, 29.8183, 42.9854



59.7500, 49.9183, 76.5125



32.3772, 29.1068, 33.6187



8.8127, 8.6318, 10.5120



17.7025, 8.5986, 24.6573



0.5675, 0.2747, 0.8311

Inverse Universe

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



34.1559, 29.8183, 42.9854



59.7500, 49.9183, 76.5125



32.0249, 38.8237, 39.0645



8.8127, 8.6318, 10.5120



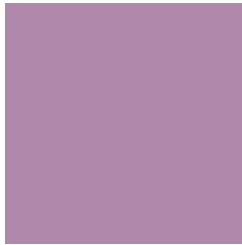
17.7025, 8.5986, 24.6573



0.5675, 0.2747, 0.8311

Previews

White Background



This preview shows how the XYZ color 34.1550, 29.8170, 42.9848 looks on a white background.

Color Contrast Check

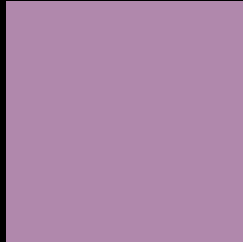
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1550, 29.8170, 42.9848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

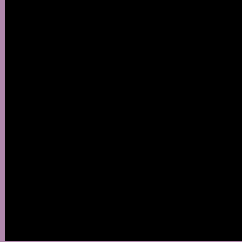
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1550, 29.8170, 42.9848

Background



This preview shows how black text looks on a background with the XYZ color 34.1550, 29.8170, 42.9848.



This preview shows how white text looks on a background with the XYZ color 34.1550, 29.8170,

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

34.1550, 29.8170, 42.9848

Protanopia

29.8273, 29.9135, 47.3818

Deuteranopia

30.5180, 29.9254, 42.1979



Tritanopia

32.1976, 29.8748, 33.3476

Trichromacy



Original Color

34.1550, 29.8170, 42.9848

Protanomaly

31.0847, 29.6893, 45.6872

Deuteranomaly

31.7216, 29.8633, 42.6204

Tritanomaly

32.9462, 29.9671, 36.8487

Monochromacy



Original Color

34.1550, 29.8170, 42.9848

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.2348, 30.6380, 37.0684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1550, 29.8170, 42.9848 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(176, 136, 172)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 172)  
}
```

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(176, 136, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 172) }
```

Border

The CSS property to change the border of an element to XYZ 34.1550, 29.8170, 42.9848 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(176, 136, 172) }
```


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

```
.border{ border-color:rgb(176, 136, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 136, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 136, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 136, 172);  
box-shadow:4px 4px 4px 4px rgb(176, 136,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1550, 29.8170, 42.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 172) }
```

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

```
.background{ background-color: rgb(176,  
136, 172) }
```

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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