

Converting Colors

XYZ(29.7170, 26.5245, 32.8316)

Have a look what the booklet for
XYZ(29.7170, 26.5245, 32.8316)
contains.

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Color

**XYZ(29.7170, 26.5245,
32.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	A88297
RGB	168, 130, 151
RGB Percent	66%, 51%, 59%
CMY	0.3412, 0.4902, 0.4078
CMYK	0.00, 0.23, 0.10, 0.34
HSL	327°, 18%, 58%
HSV	327°, 23%, 66%
XYZ	29.7170, 26.5245, 32.8316
YIQ	143.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

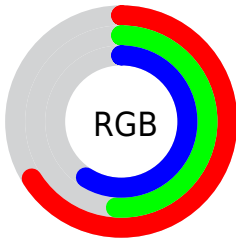
Format	Color
R_{YB}	168, 130, 151
Decimal	11043479
CIE _{Lab}	58.53, 18.10, -5.61
CIE _{LCh}	59, 18.951, 342.777
Yxy	26.5245, 0.3336, 0.2978
Android (android.graphics.Color)	4289233559 (0xFFA88297)
YUV	143.7560, 3.5713, 21.2620
Hunter-Lab	51.5019, 12.8674, -1.7450

Details

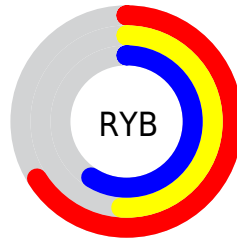
The XYZ color **29.7170, 26.5245, 32.8316** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.4761, 34.8584, 32.8330**, and the grayscale version is **26.3934, 27.7679, 30.2393**.

A 20% lighter version of the original color is **58.6934, 54.1220, 65.1107**, and **12.2391, 10.3023, 13.4001** is the 20% darker color. If you saturate the color by 10%, you get **27.0712, 22.1787, 29.0335**, and if you desaturate by 10%, it is **32.7681, 31.6180, 36.9575**.

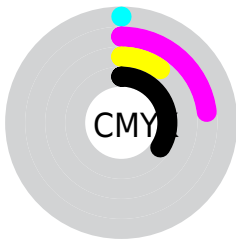
Distribution



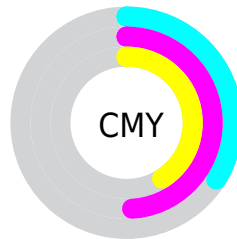
- Red (66%)
- Green (51%)
- Blue (59%)



- Red (66%)
- Yellow (51%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7170, 26.5245, 32.8316 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 29.7170, 26.5245, 32.8316 by changing the saturation by 10% instead.

■ 29.7170, 26.5245,
32.8316

■ 29.7170, 26.5245,
32.8316

292.5166,
285.3474, 329.4989

■ 19.7709, 17.2164,
21.7274

■ 58.6040, 54.1199,
65.2255

■ 12.3359, 10.3889,
13.4603

■ 78.2757, 73.1760,
87.3523

■ 7.0467, 5.6576,
7.6119

■ 101.9199, 96.2503,
113.9904

■ 3.5379, 2.6380,
3.7634

129.9020,
123.7270, 145.5583

■ 1.4442, 0.9458,
1.4965

162.5874,
155.9908, 182.4746

■ 0.2874, 0.0000,
0.2153

200.3414,

■ 0.0000, 0.0000,

193.4258, 225.1577

0.0000

243.5293,
236.4165, 274.0263

■ 29.7170, 26.5245,
32.8316

■ 29.7170, 26.5245,
32.8316

■ 27.0712, 22.1787,
29.0335

■ 32.7681, 31.6180,
36.9575

■ 24.8101, 18.5412,
25.5517

■ 36.2394, 37.4888,
41.4187

■ 22.9144, 15.5748,
22.3767

■ 40.1478, 44.1694,
46.2244

■ 21.3625, 13.2371,
19.4973

■ 44.5087, 51.6893,
51.3831

■ 20.1300, 11.4809,
16.9016

■ 49.3364, 60.0764,
56.9029

■ 19.1894, 10.2522,
14.5764

■ 54.6450, 69.3575,
62.7913

■ 18.5079, 9.4869,
12.5066

■ 60.4477, 79.5581,
69.0560

■ 18.1171, 9.1123,
11.1218

■ 63.6831, 84.5547,
74.6795

■ 64.6486, 84.9409,
79.7638

Harmonies

Analogous

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



28.3639, 26.5245, 39.3115



29.7170, 26.5245, 32.8316



29.8171, 26.5245, 26.1458

Triad

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



29.7170, 26.5245, 32.8316



24.2368, 26.5245, 18.1256



22.0756, 26.5245, 38.4570

Complementary

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



29.7170, 26.5245, 32.8316



28.4761, 34.8584, 32.8330

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.



21.1051, 26.5245, 31.7999



29.7170, 26.5245, 32.8316



22.3004, 26.5245, 20.4804

Square

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



29.7170, 26.5245, 32.8316



26.5550, 26.5245, 18.3143



21.1847, 26.5245, 25.2601



23.9127, 26.5245, 42.8856

Rectangle

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



29.7170, 26.5245, 32.8316



29.1512, 26.5245, 22.5006



21.1847, 26.5245, 25.2601



21.6424, 26.5245, 36.3654

Sweetspot

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



29.7178, 26.5257, 32.8322



62.8227, 63.0434, 71.4308



26.9888, 24.9477, 40.4390



13.6160, 13.6112, 15.4705



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.7178, 26.5257, 32.8322



51.4943, 44.1208, 56.1423



28.3335, 25.9720, 25.5428



7.6981, 7.6091, 8.7272



13.7073, 6.8916, 8.5363



0.3587, 0.1778, 0.3404

Inverse Universe

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



29.7178, 26.5257, 32.8322



51.4943, 44.1208, 56.1423



30.0435, 35.4854, 41.0868



7.6981, 7.6091, 8.7272



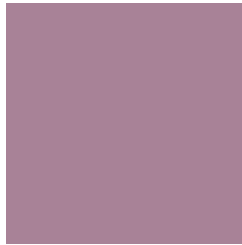
13.7073, 6.8916, 8.5363



0.3587, 0.1778, 0.3404

Previews

White Background



This preview shows how the XYZ color 29.7170, 26.5245, 32.8316 looks on a white background.

Color Contrast Check

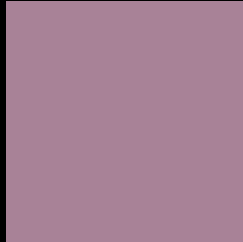
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7170, 26.5245, 32.8316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

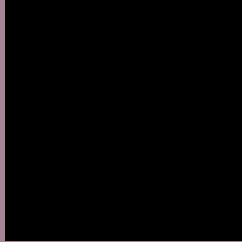
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7170, 26.5245, 32.8316

Background



This preview shows how black text looks on a background with the XYZ color 29.7170, 26.5245, 32.8316.



This preview shows how white text looks on a background with the XYZ color 29.7170, 26.5245,

32.8316.

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

29.7170, 26.5245, 32.8316

Protanopia

26.1113, 26.6795, 35.6717

Deuteranopia

27.2132, 26.6726, 32.5682



Tritanopia

29.0701, 26.6710, 29.2070

Trichromacy



Original Color

29.7170, 26.5245, 32.8316

Protanomaly

27.2982, 26.4589, 34.6787

Deuteranomaly

27.9347, 26.4203, 32.4815

Tritanomaly

29.1635, 26.4924, 30.3645

Monochromacy



Original Color

29.7170, 26.5245, 32.8316

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.6359, 27.3441, 31.4251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7170, 26.5245, 32.8316 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(168, 130, 151)` looks like.

```
.text, #text, p{  
    color:rgb(168, 130, 151)  
}
```

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(168, 130, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 130, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.7170, 26.5245, 32.8316 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(168, 130, 151) }
```


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

```
.border{ border-color:rgb(168, 130, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 130, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 130, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 130, 151);  
box-shadow:4px 4px 4px 4px rgb(168, 130,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7170, 26.5245, 32.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 130, 151) }
```

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

```
.background{ background-color: rgb(168,  
130, 151) }
```

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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