

Converting Colors

XYZ(29.7754, 25.9528, 31.8304)

Have a look what the booklet for
XYZ(29.7754, 25.9528, 31.8304)
contains.

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Color

**XYZ(29.8088, 26.0066,
31.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7F95
RGB	171, 127, 149
RGB Percent	67%, 50%, 58%
CMY	0.3294, 0.5019, 0.4157
CMYK	0.00, 0.26, 0.13, 0.33
HSL	330°, 21%, 58%
HSV	330°, 26%, 67%
XYZ	29.8088, 26.0066, 31.8825
YIQ	142.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

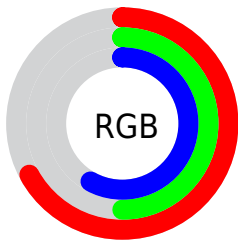
Format	Color
R_{YB}	171, 127, 149
Decimal	11239317
CIE Lab	58.04, 20.56, -5.15
CIE LCh	58, 21.190, 345.940
Yxy	26.0066, 0.3399, 0.2965
Android (android.graphics.Color)	4289429397 (0xFFAB7F95)
YUV	142.6640, 3.1236, 24.8507
Hunter-Lab	50.9967, 15.0935, -1.3697

Details

The XYZ color **29.8088, 26.0066, 31.8825** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7412, 35.8085, 33.8323**, and the grayscale version is **25.9578, 27.3096, 29.7402**.

A 20% lighter version of the original color is **58.7793, 53.2852, 63.6870**, and **12.3297, 10.0411, 12.8436** is the 20% darker color. If you saturate the color by 10%, you get **27.1272, 21.6959, 27.7434**, and if you desaturate by 10%, it is **32.9168, 31.0893, 36.4117**.

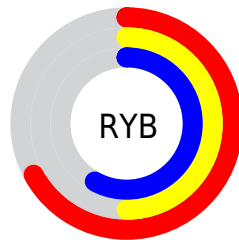
Distribution



Red (67%)

Green (50%)

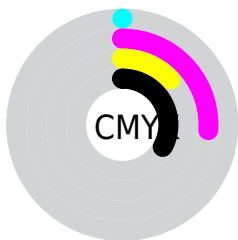
Blue (58%)



Red (67%)

Yellow (50%)

Blue (58%)

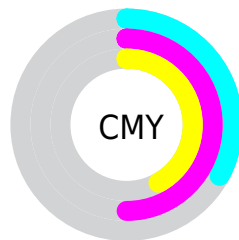


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8088, 26.0066, 31.8825 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 29.8088, 26.0066, 31.8825 by changing the saturation by 10% instead.

■ 29.8088, 26.0066,
31.8825

■ 29.8088, 26.0066,
31.8825

292.9381,
282.8145, 325.0599

■ 19.8409, 16.8286,
21.0077

■ 58.7484, 53.2856,
63.7226

■ 12.3870, 10.1123,
12.9383

■ 78.4507, 72.1554,
85.5250

■ 7.0819, 5.4735,
7.2559

■ 102.1286, 95.0245,
111.8070

■ 3.5602, 2.5277,
3.5418

130.1473,
122.2774, 142.9871

■ 1.4564, 0.8904,
1.3775

162.8723,
154.2984, 179.4839

■ 0.2959, 0.0000,
0.1241

200.6688,

■ 0.0000, 0.0000,

191.4720, 221.7160

0.0000

243.9023,
234.1826, 270.1018

■ 29.8088, 26.0066,
31.8825

■ 29.8088, 26.0066,
31.8825

■ 27.1272, 21.6959,
27.7434

■ 32.9168, 31.0893,
36.4117

■ 24.8499, 18.1155,
23.9808

■ 36.4677, 36.9761,
41.3406

■ 22.9559, 15.2250,
20.5825

■ 40.4796, 43.7016,
46.6806

■ 21.4214, 12.9785,
17.5350

■ 44.9690, 51.2971,
52.4420

■ 20.2197, 11.3247,
14.8236

■ 49.9517, 59.7925,
58.6348

■ 19.3201, 10.2042,
12.4318

■ 55.4426, 69.2162,
65.2684

■ 18.6834, 9.5403,
10.3403

■ 61.4560, 79.5953,
72.3521

■ 18.4542, 9.3218,
9.5244

■ 65.1320, 85.2089,
78.9369

■ 66.2763, 85.6666,
84.9624

Harmonies

Analogous

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



28.4281, 26.0066, 39.2982



29.8088, 26.0066, 31.8825



29.7615, 26.0066, 24.6182

Triad

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



29.8088, 26.0066, 31.8825



23.3909, 26.0066, 16.8070



21.4502, 26.0066, 39.7064

Complementary

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



29.8088, 26.0066, 31.8825



28.7412, 35.8085, 33.8323

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.



20.2800, 26.0066, 32.3684



29.8088, 26.0066, 31.8825



21.3465, 26.0066, 19.5992

Square

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



29.8088, 26.0066, 31.8825



25.9341, 26.0066, 16.7226



20.2434, 26.0066, 25.0273



23.5415, 26.0066, 44.3158

Rectangle

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



29.8088, 26.0066, 31.8825



28.9230, 26.0066, 20.8207



20.2434, 26.0066, 25.0273



20.9426, 26.0066, 37.4255

Sweetspot

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



29.8096, 26.0078, 31.8830



63.7025, 63.5430, 71.8420



27.3355, 24.5099, 41.8186



13.9916, 13.8143, 15.7260



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.



29.8096, 26.0078, 31.8830



50.5011, 41.9211, 52.7027



28.2157, 25.3702, 23.4899



8.1660, 8.0796, 9.1847



13.9382, 7.0378, 7.3200



0.4154, 0.2068, 0.3492

Inverse Universe

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



29.8096, 26.0078, 31.8830



50.5011, 41.9211, 52.7027



30.6668, 36.5788, 43.9726



8.1660, 8.0796, 9.1847



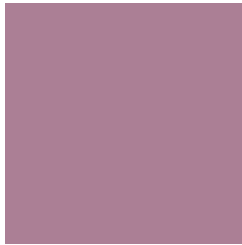
13.9382, 7.0378, 7.3200



0.4154, 0.2068, 0.3492

Previews

White Background



This preview shows how the XYZ color 29.8088, 26.0066, 31.8825 looks on a white background.

Color Contrast Check

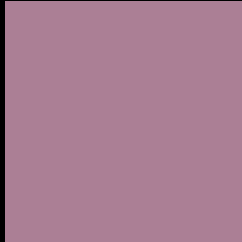
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8088, 26.0066, 31.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

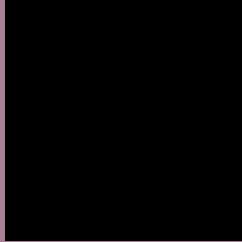
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8088, 26.0066, 31.8825

Background



This preview shows how black text looks on a background with the XYZ color 29.8088, 26.0066, 31.8825.



This preview shows how white text looks on a background with the XYZ color 29.8088, 26.0066,

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

29.8088, 26.0066, 31.8825

Protanopia

25.5499, 26.1839, 35.1599

Deuteranopia

26.6483, 26.1989, 31.2561



Tritanopia

29.0880, 26.1106, 27.9328

Trichromacy



Original Color

29.8088, 26.0066, 31.8825

Protanomaly

26.8082, 26.0174, 33.7459

Deuteranomaly

27.8334, 26.1823, 31.6037

Tritanomaly

29.2547, 25.9676, 29.4570

Monochromacy



Original Color

29.8088, 26.0066, 31.8825

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1934, 26.7080, 30.5100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8088, 26.0066, 31.8825 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, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 127, 149)  
}
```

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, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 127, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.8088, 26.0066, 31.8825 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, 127, 149) }
```


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

```
.border{ border-color:rgb(171, 127, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 127, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 127, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 127, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 127,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8088, 26.0066, 31.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 127, 149) }
```

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

```
.background{ background-color: rgb(171,  
127, 149) }
```

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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