

Converting Colors

XYZ(31.8690, 26.5848, 31.8520)

Have a look what the booklet for
XYZ(31.8690, 26.5848, 31.8520)
contains.

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Color

**XYZ(31.9239, 26.5303,
31.8721)**

Conversions

Conversions Part 1

Format	Color
Hex	B67C95
RGB	182, 124, 149
RGB Percent	71%, 49%, 58%
CMY	0.2863, 0.5137, 0.4157
CMYK	0.00, 0.32, 0.18, 0.29
HSL	334°, 28%, 60%
HSV	334°, 32%, 71%
XYZ	31.9239, 26.5303, 31.8721
YIQ	144.1920, 26.5430, 20.0710

Conversions

Conversions Part 2

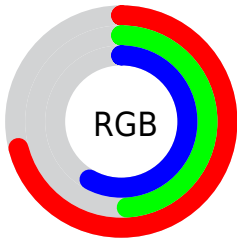
Format	Color
R _Y B	182, 124, 149
Decimal	11959445
CIE Lab	58.54, 26.28, -4.28
CIE LCh	59, 26.626, 350.745
Yxy	26.5303, 0.3534, 0.2937
Android (android.graphics.Color)	4290149525 (0xFFB67C95)
YUV	144.1920, 2.3703, 33.1576
Hunter-Lab	51.5076, 20.4943, -0.6324

Details

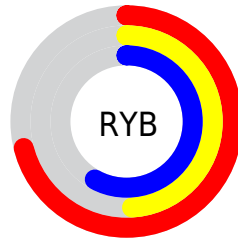
The XYZ color **31.9239, 26.5303, 31.8721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1271, 40.1761, 38.0143**, and the grayscale version is **26.5705, 27.9542, 30.4422**.

A 20% lighter version of the original color is **62.0982, 54.1068, 63.6706**, and **13.5555, 10.3686, 12.8422** is the 20% darker color. If you saturate the color by 10%, you get **29.0598, 22.0667, 27.0180**, and if you desaturate by 10%, it is **35.2840, 31.8677, 37.2548**.

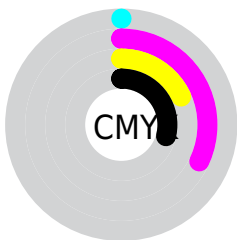
Distribution



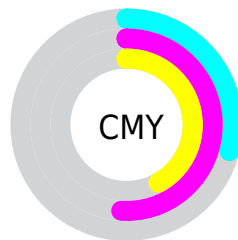
- Red (71%)
- Green (49%)
- Blue (58%)



- Red (71%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9239, 26.5303, 31.8721 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 31.9239, 26.5303, 31.8721 by changing the saturation by 10% instead.

31.9239, 26.5303,
31.8721

31.9239, 26.5303,
31.8721

302.5239,
285.3757, 325.0110

21.4586, 17.2208,
20.9998

62.0578, 54.1292,
63.7061

13.5740, 10.3920,
12.9326

82.4571, 73.1874,
85.5049

7.9047, 5.6597,
7.2520

106.8985, 96.2640,
111.7830

4.0853, 2.6393,
3.5394

135.7473,
123.7432, 142.9588

1.7505, 0.9464,
1.3762

169.3689,
156.0097, 179.4510

0.4876, 0.0000,
0.1231

208.1286,

0.0000, 0.0000,

193.4476, 221.6781

0.0000

252.3918,
236.4415, 270.0585

■ 31.9239, 26.5303,
31.8721

■ 31.9239, 26.5303,
31.8721

■ 29.0598, 22.0667,
27.0180

■ 35.2840, 31.8677,
37.2548

■ 26.6643, 18.4260,
22.6733

■ 39.1611, 38.1187,
43.1814

■ 24.7107, 15.5577,
18.8194


■ 43.5777, 45.3252,
49.6684


■ 23.1687, 13.4044,
15.4360


■ 48.5542, 53.5253,
56.7309


■ 22.0036, 11.9003,
12.5009


■ 54.1100, 62.7552,
64.3838


 21.1745, 10.9672,
9.9890

 60.2634, 73.0490,
72.6409

 20.6826, 10.5016,
8.2281

 67.0321, 84.4395,
81.5160

 69.5954, 87.2827,
89.4095

 71.1091, 87.8882,
97.3807

Harmonies

Analogous

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



30.3890, 26.5303, 41.8031



31.9239, 26.5303, 31.8721



31.5453, 26.5303, 22.9826

Triad

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



31.9239, 26.5303, 31.8721



23.0602, 26.5303, 15.1393



21.4535, 26.5303, 45.1398

Complementary

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



31.9239, 26.5303, 31.8721



31.1271, 40.1761, 38.0143

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.



19.7960, 26.5303, 35.7248



31.9239, 26.5303, 31.8721



20.6666, 26.5303, 18.9499

Square

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



31.9239, 26.5303, 31.8721



26.2381, 26.5303, 14.5426



19.5209, 26.5303, 26.0943



24.2213, 26.5303, 50.4789

Rectangle

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



31.9239, 26.5303, 31.8721



30.2706, 26.5303, 18.6813



19.5209, 26.5303, 26.0943



20.7584, 26.5303, 42.2621

Sweetspot

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



31.9247, 26.5315, 31.8726



72.2869, 71.2012, 80.2101



29.5308, 24.9488, 47.5155



15.7304, 15.3435, 17.3646



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.9247, 26.5315, 31.8726



54.2635, 42.4479, 51.7172



30.6323, 26.8052, 22.6297



9.1610, 9.0748, 10.1952



14.6378, 7.4289, 5.9793



0.5472, 0.2743, 0.3748

Inverse Universe

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



31.9247, 26.5315, 31.8726



54.2635, 42.4479, 51.7172



32.7035, 39.5571, 50.1680



9.1610, 9.0748, 10.1952



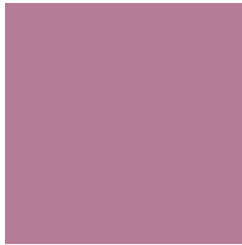
14.6378, 7.4289, 5.9793



0.5472, 0.2743, 0.3748

Previews

White Background



This preview shows how the XYZ color 31.9239, 26.5303, 31.8721 looks on a white background.

Color Contrast Check

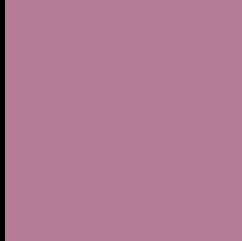
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9239, 26.5303, 31.8721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

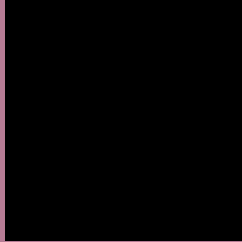
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9239, 26.5303, 31.8721

Background



This preview shows how black text looks on a background with the XYZ color 31.9239, 26.5303, 31.8721.



This preview shows how white text looks on a background with the XYZ color 31.9239, 26.5303,

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

31.9239, 26.5303, 31.8721

Protanopia

26.1173, 26.6626, 36.5708

Deuteranopia

27.1610, 26.6733, 31.3207



Tritanopia

30.9608, 26.5230, 26.7802

Trichromacy



Original Color

31.9239, 26.5303, 31.8721

Protanomaly

27.7679, 26.2868, 34.6207

Deuteranomaly

28.7008, 26.4272, 31.6052

Tritanomaly

31.1974, 26.4141, 28.6534

Monochromacy



Original Color

31.9239, 26.5303, 31.8721

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.2345, 27.2357, 30.9630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9239, 26.5303, 31.8721 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(182, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 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(182, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 149) }
```

Border

The CSS property to change the border of an element to XYZ 31.9239, 26.5303, 31.8721 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(182, 124, 149) }
```


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

```
.border{ border-color:rgb(182, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9239, 26.5303, 31.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 149) }
```

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

```
.background{ background-color: rgb(182,  
124, 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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