

Converting Colors

XYZ(29.0251, 26.0712, 31.0783)

Have a look what the booklet for
XYZ(29.0251, 26.0712, 31.0783)
contains.

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Color

**XYZ(29.0531, 26.0226,
31.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	A78193
RGB	167, 129, 147
RGB Percent	65%, 51%, 58%
CMY	0.3451, 0.4941, 0.4235
CMYK	0.00, 0.23, 0.12, 0.35
HSL	332°, 18%, 58%
HSV	332°, 23%, 65%
XYZ	29.0531, 26.0226, 31.0954
YIQ	142.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

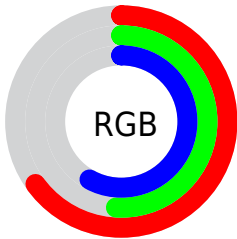
Format	Color
RYB	167, 129, 147
Decimal	10977683
CIELab	58.06, 17.59, -4.02
CIELCh	58, 18.048, 347.130
Yxy	26.0226, 0.3372, 0.3020
Android (android.graphics.Color)	4289167763 (0xFFA78193)
YUV	142.4140, 2.2609, 21.5619
Hunter-Lab	51.0124, 12.3896, -0.4325

Details

The XYZ color **29.0531, 26.0226, 31.0954** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.2979, 34.4752, 33.5983**, and the grayscale version is **25.8624, 27.2093, 29.6309**.

A 20% lighter version of the original color is **57.7020, 53.3609, 62.5168**, and **11.9775, 10.0813, 12.3809** is the 20% darker color. If you saturate the color by 10%, you get **26.3670, 21.7122, 26.9260**, and if you desaturate by 10%, it is **32.1529, 31.0755, 35.6634**.

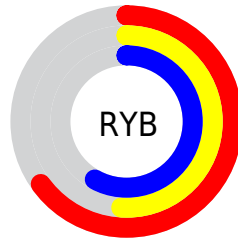
Distribution



Red (65%)

Green (51%)

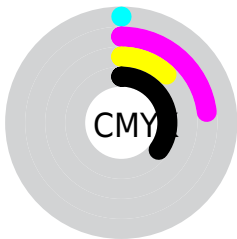
Blue (58%)



Red (65%)

Yellow (51%)

Blue (58%)

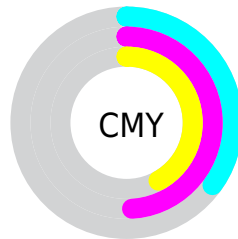


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0531, 26.0226, 31.0954 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 29.0531, 26.0226, 31.0954 by changing the saturation by 10% instead.

■ 29.0531, 26.0226,
31.0954

■ 29.0531, 26.0226,
31.0954

289.4551,
282.8930, 321.3424

■ 19.2655, 16.8405,
20.4124

■ 57.5584, 53.3114,
62.4716

■ 11.9674, 10.1209,
12.5082

■ 77.0068, 72.1869,
84.0019

■ 6.7935, 5.4792,
6.9640

■ 100.4062, 95.0624,
109.9850

■ 3.3785, 2.5311,
3.3615

128.1219,
122.3223, 140.8395

■ 1.3569, 0.8921,
1.2821

160.5193,
154.3509, 176.9840

■ 0.2252, 0.0000,
0.0470

197.9637,

■ 0.0000, 0.0000,

191.5326, 218.8369

0.0000

240.8205,
234.2518, 266.8169

■ 29.0531, 26.0226,
31.0954

■ 29.0531, 26.0226,
31.0954

■ 26.3670, 21.7122,
26.9260

■ 32.1529, 31.0755,
35.6634

■ 24.0738, 18.1054,
23.1416

■ 35.6817, 36.9003,
40.6397

■ 22.1541, 15.1651,
19.7300

■ 39.6564, 43.5291,
46.0358

■ 20.5860, 12.8493,
16.6778

■ 44.0926, 50.9913,
51.8620

■ 19.3449, 11.1113,
13.9702

■ 49.0050, 59.3146,
58.1285

■ 18.4032, 9.8975,
11.5914

■ 54.4077, 68.5255,
64.8449

■ 17.7277, 9.1444,
9.5232

■ 60.3141, 78.6494,
72.0204

■ 17.3514, 8.7815,
8.1965

■ 64.2629, 84.7621,
78.8395

■ 65.4395, 85.2328,
85.0352

Harmonies

Analogous

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



27.9376, 26.0226, 37.3195



29.0531, 26.0226, 31.0954



28.9633, 26.0226, 24.9405

Triad

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



29.0531, 26.0226, 31.0954



23.5185, 26.0226, 18.3335



21.9879, 26.0226, 38.0836

Complementary

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



29.0531, 26.0226, 31.0954



28.2979, 34.4752, 33.5983

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.



20.9373, 26.0226, 32.0225



29.0531, 26.0226, 31.0954



21.7847, 26.0226, 20.9210

Square

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



29.0531, 26.0226, 31.0954



25.6799, 26.0226, 18.1611



20.8651, 26.0226, 25.7415



23.8110, 26.0226, 41.7353

Rectangle

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



29.0531, 26.0226, 31.0954



28.2314, 26.0226, 21.6829



20.8651, 26.0226, 25.7415



21.5375, 26.0226, 36.2231

Sweetspot

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



29.0538, 26.0238, 31.0959



61.0419, 61.3482, 68.7926



27.1540, 24.8470, 39.9244



13.5803, 13.5969, 15.2821



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.



29.0538, 26.0238, 31.0959



49.6639, 42.7877, 52.0657



27.8337, 25.6696, 24.2580



7.6735, 7.5993, 8.5978



13.3018, 6.7294, 6.4008



0.3496, 0.1741, 0.2926

Inverse Universe

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



29.0538, 26.0238, 31.0959



49.6639, 42.7877, 52.0657



29.7321, 34.8638, 41.7219



7.6735, 7.5993, 8.5978



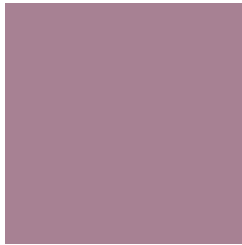
13.3018, 6.7294, 6.4008



0.3496, 0.1741, 0.2926

Previews

White Background



This preview shows how the XYZ color 29.0531, 26.0226, 31.0954 looks on a white background.

Color Contrast Check

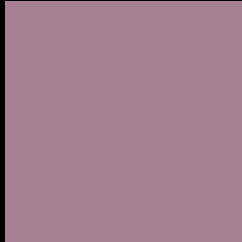
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0531, 26.0226, 31.0954 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 29.0531, 26.0226, 31.0954

Background



This preview shows how black text looks on a background with the XYZ color 29.0531, 26.0226, 31.0954.



This preview shows how white text looks on a background with the XYZ color 29.0531, 26.0226,

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

29.0531, 26.0226, 31.0954

Protanopia

25.4636, 26.1684, 33.8459

Deuteranopia

26.7550, 26.2630, 30.8532



Tritanopia

28.4421, 25.9657, 28.3238

Trichromacy



Original Color

29.0531, 26.0226, 31.0954

Protanomaly

26.6443, 25.9519, 32.8831

Deuteranomaly

27.4805, 26.0185, 30.7678

Tritanomaly

28.6664, 26.0554, 29.5049

Monochromacy



Original Color

29.0531, 26.0226, 31.0954

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.7422, 26.4842, 30.0881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0531, 26.0226, 31.0954 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(167, 129, 147)` looks like.

```
.text, #text, p{  
    color:rgb(167, 129, 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(167, 129, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 129, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.0531, 26.0226, 31.0954 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(167, 129, 147) }
```


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

```
.border{ border-color:rgb(167, 129, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 129, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 129, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 129, 147);  
box-shadow:4px 4px 4px 4px rgb(167, 129,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0531, 26.0226, 31.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 129, 147) }
```

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

```
.background{ background-color: rgb(167,  
129, 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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