

Converting Colors

XYZ(31.0119, 26.1522, 27.0225)

Have a look what the booklet for
XYZ(31.0119, 26.1522, 27.0225)
contains.

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Color

**XYZ(31.0144, 26.1665,
27.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	B67C89
RGB	182, 124, 137
RGB Percent	71%, 49%, 54%
CMY	0.2863, 0.5137, 0.4627
CMYK	0.00, 0.32, 0.25, 0.29
HSL	347°, 28%, 60%
HSV	347°, 32%, 71%
XYZ	31.0144, 26.1665, 27.0829
YIQ	142.8240, 30.3950, 16.3390

Conversions

Conversions Part 2

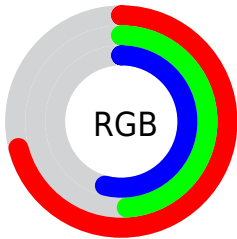
Format	Color
R_{YB}	182, 124, 137
Decimal	11959433
CIE _{Lab}	58.19, 24.42, 2.14
CIE _{LCh}	58, 24.516, 5.015
Yxy	26.1665, 0.3681, 0.3105
Android (android.graphics.Color)	4290149513 (0xFFB67C89)
YUV	142.8240, -2.8712, 34.3574
Hunter-Lab	51.1532, 18.7072, 4.4163

Details

The XYZ color **31.0144, 26.1665, 27.0829** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.2027, 40.6062, 43.6786**, and the grayscale version is **26.0414, 27.3976, 29.8360**.

A 20% lighter version of the original color is **60.6130, 53.5127, 55.8495**, and **13.0712, 10.1749, 10.2918** is the 20% darker color. If you saturate the color by 10%, you get **27.9930, 21.6400, 21.4008**, and if you desaturate by 10%, it is **34.5908, 31.5904, 33.6047**.

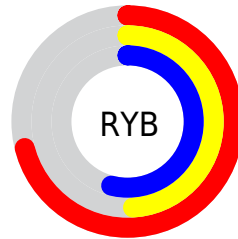
Distribution



Red (71%)

Green (49%)

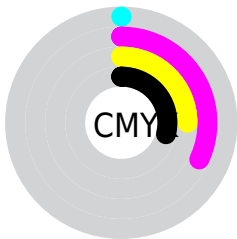
Blue (54%)



Red (71%)

Yellow (49%)

Blue (54%)

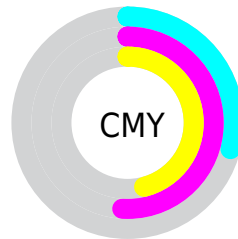


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (29%)



Cyan (29%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0144, 26.1665, 27.0829 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 31.0144, 26.1665, 27.0829 by changing the saturation by 10% instead.

■ 31.0144, 26.1665,
27.0829

■ 31.0144, 26.1665,
27.0829

298.4303,
283.5985, 301.8311

■ 20.7617, 16.9482,
17.4025

■ 60.6384, 53.5434,
56.0222

■ 13.0614, 10.1976,
10.3569

■ 80.7405, 72.4709,
76.1182

■ 7.5481, 5.5302,
5.5275

■ 104.8563, 95.4035,
100.5232

■ 3.8565, 2.5616,
2.4959

133.3514,
122.7258, 129.6556

■ 1.6213, 0.9074,
0.8380

166.5909,
154.8220, 163.9341

■ 0.4062, 0.0000,
0.0000

204.9404,

■ 0.0000, 0.0000,

192.0766, 203.7772

0.0000

248.7651,
234.8739, 249.6033

■ 31.0144, 26.1665,
27.0829

■ 31.0144, 26.1665,
27.0829

■ 27.9930, 21.6400,
21.4008

■ 34.5908, 31.5904,
33.6047

■ 25.4961, 17.9587,
16.5223

■ 38.7463, 37.9528,
40.9973

■ 23.4936, 15.0709,
12.4107


■ 43.5062, 45.2966,
49.2920


■ 21.9513, 12.9175,
9.0258


■ 48.8935, 53.6610,
58.5181


■ 20.8305, 11.4311,
6.3237


■ 54.9302, 63.0832,
68.7036


 20.0855, 10.5317,
4.2551

 61.6371, 73.5984,
79.8752

 19.6880, 10.1037,
2.9907

 69.0341, 85.2402,
92.0586

 72.3026, 88.3656,
103.6662

 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



30.4234, 26.1665, 35.9850



31.0144, 26.1665, 27.0829



29.8551, 26.1665, 20.0876

Triad

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



31.0144, 26.1665, 27.0829



21.7309, 26.1665, 17.0706



22.5320, 26.1665, 46.0671

Complementary

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



31.0144, 26.1665, 27.0829



32.2027, 40.6062, 43.6786

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.



20.4740, 26.1665, 38.9612



31.0144, 26.1665, 27.0829



20.0380, 26.1665, 22.1169

Square

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



31.0144, 26.1665, 27.0829



24.3739, 26.1665, 15.0900



19.5968, 26.1665, 29.9468



25.3738, 26.1665, 48.1223

Rectangle

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



31.0144, 26.1665, 27.0829



28.2962, 26.1665, 17.0672



19.5968, 26.1665, 29.9468



21.7331, 26.1665, 44.1290

Sweetspot

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



31.0151, 26.1677, 27.0834



71.6322, 70.9393, 76.7622



31.9000, 26.1701, 47.6262



15.5680, 15.2786, 16.5094



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.



31.0151, 26.1677, 27.0834



52.4101, 41.7065, 41.9574



32.2307, 30.0021, 23.1625



9.0848, 9.0443, 9.7941



13.9246, 7.1436, 2.2240



0.5147, 0.2614, 0.2038

Inverse Universe

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



31.0151, 26.1677, 27.0834



52.4101, 41.7065, 41.9574



30.4900, 35.1301, 49.4300



9.0848, 9.0443, 9.7941



13.9246, 7.1436, 2.2240



0.5147, 0.2614, 0.2038

Previews

White Background



This preview shows how the XYZ color 31.0144, 26.1665, 27.0829 looks on a white background.

Color Contrast Check

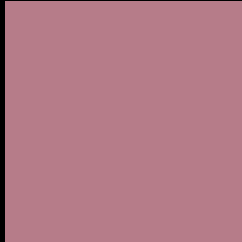
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0144, 26.1665, 27.0829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

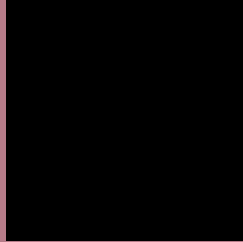
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0144, 26.1665, 27.0829

Background



This preview shows how black text looks on a background with the XYZ color 31.0144, 26.1665, 27.0829.



This preview shows how white text looks on a background with the XYZ color 31.0144, 26.1665,

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

31.0144, 26.1665, 27.0829

Protanopia

25.4054, 26.2033, 30.9129

Deuteranopia

26.8876, 26.4255, 26.6052



Tritanopia

30.9281, 26.3335, 26.0071

Trichromacy



Original Color

31.0144, 26.1665, 27.0829

Protanomaly

27.1933, 26.1013, 29.5914

Deuteranomaly

28.2122, 26.2794, 26.8780

Tritanomaly

30.9982, 26.3616, 26.3762

Monochromacy



Original Color

31.0144, 26.1665, 27.0829

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5165, 26.6995, 28.9025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0144, 26.1665, 27.0829 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 137) }
```

Border

The CSS property to change the border of an element to XYZ 31.0144, 26.1665, 27.0829 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, 137) }
```


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

```
.border{ border-color:rgb(182, 124, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 137);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0144, 26.1665, 27.0829 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, 137) }
```

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

```
.background{ background-color: rgb(182,  
124, 137) }
```

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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