

Converting Colors

XYZ(30.3028, 24.8493, 27.6169)

Have a look what the booklet for
XYZ(30.3028, 24.8493, 27.6169)
contains.

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Color

**XYZ(30.3131, 24.8815,
27.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	B5778B
RGB	181, 119, 139
RGB Percent	71%, 47%, 55%
CMY	0.2902, 0.5333, 0.4549
CMYK	0.00, 0.34, 0.23, 0.29
HSL	341°, 30%, 59%
HSV	341°, 34%, 71%
XYZ	30.3131, 24.8815, 27.6310
YIQ	139.8180, 30.5320, 19.3640

Conversions

Conversions Part 2

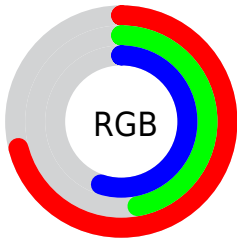
Format	Color
R_{YB}	181, 119, 139
Decimal	11892619
CIE _{Lab}	56.96, 27.13, -0.83
CIE _{LCh}	57, 27.144, 358.249
Yxy	24.8815, 0.3660, 0.3004
Android (android.graphics.Color)	4290082699 (0xFFB5778B)
YUV	139.8180, -0.4033, 36.1166
Hunter-Lab	49.8814, 21.1828, 2.0742

Details

The XYZ color **30.3131, 24.8815, 27.6310** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5658, 39.5436, 39.7419**, and the grayscale version is **24.8505, 26.1446, 28.4715**.

A 20% lighter version of the original color is **59.5268, 51.4880, 56.6699**, and **12.6837, 9.4895, 10.6144** is the 20% darker color. If you saturate the color by 10%, you get **27.5143, 20.6382, 22.5229**, and if you desaturate by 10%, it is **33.6240, 29.9878, 33.4062**.

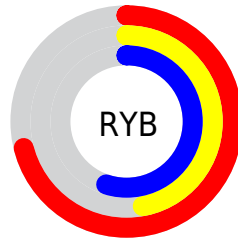
Distribution



Red (71%)

Green (47%)

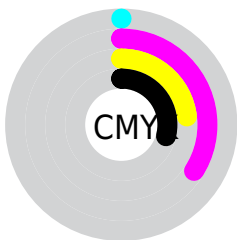
Blue (55%)



Red (71%)

Yellow (47%)

Blue (55%)

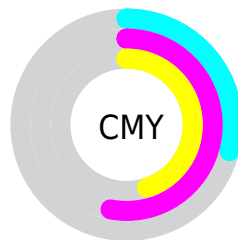


Cyan (0%)

Magenta (34%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3131, 24.8815, 27.6310 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 30.3131, 24.8815, 27.6310 by changing the saturation by 10% instead.

 30.3131, 24.8815,
27.6310


 30.3131, 24.8815,
27.6310


295.2449,
277.2473, 304.5557

 20.2256, 15.9888,
17.8111

 59.5402, 51.4649,
56.9108

 12.6684, 9.5162,
10.6464


 79.4105, 69.9244,
77.2077

 7.2760, 5.0794,
5.7184


 103.2725, 92.3416,
101.8340

 3.6832, 2.2939,
2.6086

131.4916,
119.1010, 131.2083

 1.5245, 0.7705,
0.8969

164.4329,
150.5868, 165.7491

 0.3424, 0.0000,
0.0000

202.4620,

 0.0000, 0.0000,

187.1835, 205.8749

0.0000

245.9442,
229.2756, 252.0042

■ 30.3131, 24.8815,
27.6310

■ 30.3131, 24.8815,
27.6310

■ 27.5143, 20.6382,
22.5229

■ 33.6240, 29.9878,
33.4062

■ 25.1990, 17.2062,
18.0552

■ 37.4696, 35.9979,
39.8708

■ 23.3385, 14.5341,
14.2015


■ 41.8737, 42.9541,
47.0479


■ 21.9004, 12.5627,
10.9328


■ 46.8578, 50.8952,
54.9587


■ 20.8476, 11.2241,
8.2173


■ 52.4424, 59.8576,
63.6241


 20.1357, 10.4364,
6.0195

 58.6471, 69.8759,
73.0635

 19.8296, 10.1332,
4.9646

 65.4904, 80.9833,
83.2960

 70.1165, 87.4639,
93.3820

 71.9712, 88.2058,
103.1488

Harmonies

Analogous

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



29.2478, 24.8815, 37.4079



30.3131, 24.8815, 27.6310



29.4639, 24.8815, 19.6099

Triad

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



30.3131, 24.8815, 27.6310



20.8675, 24.8815, 14.3934



20.5709, 24.8815, 44.9084

Complementary

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



30.3131, 24.8815, 27.6310



30.5658, 39.5436, 39.7419

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.



18.6546, 24.8815, 36.2691



30.3131, 24.8815, 27.6310



18.8148, 24.8815, 18.8713

Square

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



30.3131, 24.8815, 27.6310



23.8367, 24.8815, 13.0713



18.0412, 24.8815, 26.5595



23.4625, 24.8815, 48.6736

Rectangle

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



30.3131, 24.8815, 27.6310



27.9656, 24.8815, 16.0011



18.0412, 24.8815, 26.5595



19.8013, 24.8815, 42.3949

Sweetspot

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



30.3138, 24.8827, 27.6315



70.2057, 69.3513, 76.5015



29.5022, 24.0391, 46.8014



14.9433, 14.6255, 16.1570



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.3138, 24.8827, 27.6315



50.4796, 38.7712, 42.5750



30.2810, 26.9454, 21.0592



8.6056, 8.5490, 9.4215



13.6986, 6.9970, 3.5730



0.4584, 0.2311, 0.2566

Inverse Universe

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



30.3138, 24.8827, 27.6315



50.4796, 38.7712, 42.5750



30.4492, 36.2590, 49.1102



8.6056, 8.5490, 9.4215



13.6986, 6.9970, 3.5730



0.4584, 0.2311, 0.2566

Previews

White Background



This preview shows how the XYZ color 30.3131, 24.8815, 27.6310 looks on a white background.

Color Contrast Check

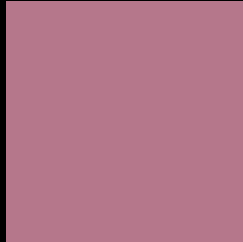
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3131, 24.8815, 27.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

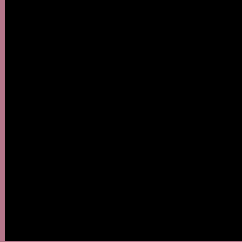
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3131, 24.8815, 27.6310

Background



This preview shows how black text looks on a background with the XYZ color 30.3131, 24.8815, 27.6310.



This preview shows how white text looks on a background with the XYZ color 30.3131, 24.8815,

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

30.3131, 24.8815, 27.6310

Protanopia

24.3823, 25.0125, 31.9766

Deuteranopia

25.4806, 25.0652, 27.1620



Tritanopia

29.6890, 24.9897, 24.3778

Trichromacy



Original Color

30.3131, 24.8815, 27.6310

Protanomaly

26.0424, 24.6850, 30.1802

Deuteranomaly

27.0046, 24.8504, 27.4181

Tritanomaly

29.7725, 24.8297, 25.4137

Monochromacy



Original Color

30.3131, 24.8815, 27.6310

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.5025, 25.3645, 28.3100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3131, 24.8815, 27.6310 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(181, 119, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 139)  
}
```

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(181, 119, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 139) }
```

Border

The CSS property to change the border of an element to XYZ 30.3131, 24.8815, 27.6310 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(181, 119, 139) }
```


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

```
.border{ border-color:rgb(181, 119, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3131, 24.8815, 27.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 139) }
```

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

```
.background{ background-color: rgb(181,  
119, 139) }
```

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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