

Converting Colors

XYZ(30.9877, 21.7901, 29.7879)

Have a look what the booklet for
XYZ(30.9877, 21.7901, 29.7879)
contains.

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Color

**XYZ(31.0418, 21.8871,
29.7827)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6292
RGB	191, 98, 146
RGB Percent	75%, 38%, 57%
CMY	0.2510, 0.6157, 0.4274
CMYK	0.00, 0.49, 0.24, 0.25
HSL	329°, 42%, 57%
HSV	329°, 49%, 75%
XYZ	31.0418, 21.8871, 29.7827
YIQ	131.2790, 40.0200, 34.6440

Conversions

Conversions Part 2

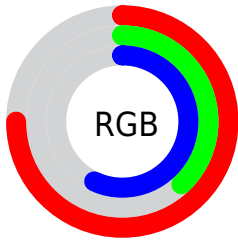
Format	Color
R_{YB}	191, 98, 146
Decimal	12542610
CIE _{Lab}	53.91, 43.01, -9.30
CIE _{LCh}	54, 43.999, 347.801
Yxy	21.8871, 0.3753, 0.2646
Android (android.graphics.Color)	4290732690 (0xFFBF6292)
YUV	131.2790, 7.2575, 52.3753
Hunter-Lab	46.7837, 36.5666, -4.9957

Details

The XYZ color **31.0418, 21.8871, 29.7827** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **28.6267, 41.8419, 32.5562**, and the grayscale version is **21.6387, 22.7656, 24.7917**.

A 20% lighter version of the original color is **60.5589, 46.4431, 60.4162**, and **13.0800, 7.9494, 11.9113** is the 20% darker color. If you saturate the color by 10%, you get **28.7731, 18.4540, 25.6216**, and if you desaturate by 10%, it is **33.7963, 26.1984, 34.3930**.

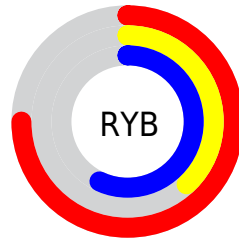
Distribution



Red (75%)

Green (38%)

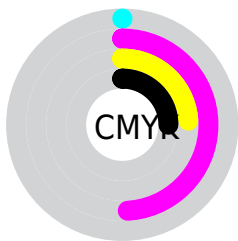
Blue (57%)



Red (75%)

Yellow (38%)

Blue (57%)

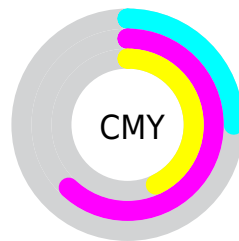


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (62%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0418, 21.8871, 29.7827 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 31.0418, 21.8871, 29.7827 by changing the saturation by 10% instead.


 31.0418, 21.8871,
29.7827


 31.0418, 21.8871,
29.7827

298.5543,
261.9561, 315.0660


 20.7827, 13.7740,
19.4231


 60.6813, 46.5593,
60.3753


 13.0768, 7.9636,
11.7965


 80.7923, 63.8872,
81.4453

 7.5588, 4.0717,
6.4844


 104.9180, 85.0555,
106.9226

 3.8634, 1.7137,
3.0683

 133.4238,
110.4485, 137.2256

 1.6251, 0.4325,
1.1296

166.6749,
140.4507, 172.7729

 0.4087, 0.0000,
0.0000

205.0368,

 0.0000, 0.0000,

175.4464, 213.9830

0.0000

248.8748,
215.8201, 261.2745

■ 31.0418, 21.8871,
29.7827

■ 31.0418, 21.8871,
29.7827

■ 28.7731, 18.4540,
25.6216

■ 33.7963, 26.1984,
34.3930

■ 26.9560, 15.8336,
21.8909

■ 37.0638, 31.4406,
39.4674

■ 25.5550, 13.9565,
18.5719


■ 40.8716, 37.6664,
45.0216


■ 24.5273, 12.7400,
15.6431


■ 45.2446, 44.9232,
51.0699


■ 23.8031, 12.0468,
13.0738

■ 50.2058, 53.2555,
57.6260

 23.7178, 11.9691,
12.7586

 55.7773, 62.7053,
64.7029

 61.9797, 73.3121,
72.3132

 68.8327, 85.1136,
80.4690

 71.4142, 88.2637,
87.5348

Harmonies

Analogous

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



28.3105, 21.8871, 46.0120



31.0418, 21.8871, 29.7827



30.7418, 21.8871, 16.7101

Triad

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



31.0418, 21.8871, 29.7827



18.1397, 21.8871, 6.6184



15.2626, 21.8871, 48.8653

Complementary

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



31.0418, 21.8871, 29.7827



28.6267, 41.8419, 32.5562

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.



13.2768, 21.8871, 32.7333



31.0418, 21.8871, 29.7827



14.7561, 21.8871, 10.2479

Square

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



31.0418, 21.8871, 29.7827



22.7887, 21.8871, 6.3414



13.1067, 21.8871, 18.7308



18.9362, 21.8871, 59.5247

Rectangle

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



31.0418, 21.8871, 29.7827



28.8663, 21.8871, 11.1472



13.1067, 21.8871, 18.7308



14.4013, 21.8871, 43.6735

Sweetspot

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



31.0424, 21.8882, 29.7831



75.7873, 71.7327, 84.2706



25.0918, 18.3335, 51.5064



16.2878, 15.1659, 18.0084



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.0424, 21.8882, 29.7831



51.4490, 32.9273, 45.7261



28.1329, 20.7243, 14.4616



9.7302, 9.6164, 10.9681



15.6279, 7.8823, 8.6001



0.6451, 0.3219, 0.5103

Inverse Universe

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



31.0424, 21.8882, 29.7831



51.4490, 32.9273, 45.7261



32.9027, 43.5523, 55.0729



9.7302, 9.6164, 10.9681



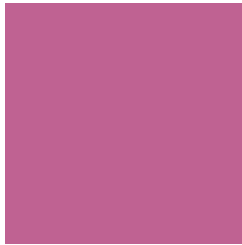
15.6279, 7.8823, 8.6001



0.6451, 0.3219, 0.5103

Previews

White Background



This preview shows how the XYZ color 31.0418, 21.8871, 29.7827 looks on a white background.

Color Contrast Check

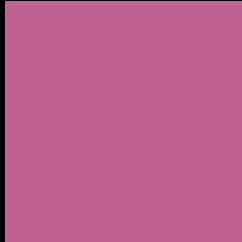
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0418, 21.8871, 29.7827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

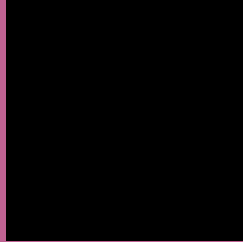
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0418, 21.8871, 29.7827

Background



This preview shows how black text looks on a background with the XYZ color 31.0418, 21.8871, 29.7827.



This preview shows how white text looks on a background with the XYZ color 31.0418, 21.8871,

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

31.0418, 21.8871, 29.7827

Protanopia

22.3478, 22.1846, 39.1806

Deuteranopia

22.4219, 22.0790, 28.2792



Tritanopia

28.7152, 21.9644, 18.0553

Trichromacy



Original Color

31.0418, 21.8871, 29.7827

Protanomaly

24.4734, 21.3368, 35.6294

Deuteranomaly

24.9136, 21.5419, 28.8315

Tritanomaly

29.3757, 21.7768, 21.7239

Monochromacy



Original Color

31.0418, 21.8871, 29.7827

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.1776, 21.7435, 26.2152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0418, 21.8871, 29.7827 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(191, 98, 146)` looks like.

```
.text, #text, p{  
    color:rgb(191, 98, 146)  
}
```

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(191, 98, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 98, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.0418, 21.8871, 29.7827 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(191, 98, 146) }
```


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

```
.border{ border-color:rgb(191, 98, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 98, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 98, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 98, 146);  
box-shadow:4px 4px 4px 4px rgb(191, 98,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0418, 21.8871, 29.7827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 98, 146) }
```

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

```
.background{ background-color: rgb(191, 98,  
146) }
```

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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