

Converting Colors

XYZ(31.1326, 22.9049, 27.2638)

Have a look what the booklet for
XYZ(31.1326, 22.9049, 27.2638)
contains.

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Color

**XYZ(31.0964, 22.8411,
27.1959)**

Conversions

Conversions Part 1

Format	Color
Hex	BF688B
RGB	191, 104, 139
RGB Percent	75%, 41%, 55%
CMY	0.2510, 0.5921, 0.4549
CMYK	0.00, 0.46, 0.27, 0.25
HSL	336°, 40%, 58%
HSV	336°, 46%, 75%
XYZ	31.0964, 22.8411, 27.1959
YIQ	134.0030, 40.6170, 29.3290

Conversions

Conversions Part 2

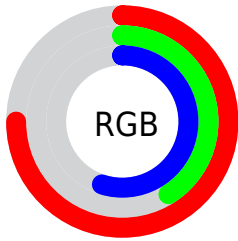
Format	Color
R_{YB}	191, 104, 139
Decimal	12544139
CIE _{Lab}	54.91, 38.89, -3.70
CIE _{LCh}	55, 39.066, 354.568
Yxy	22.8411, 0.3833, 0.2815
Android (android.graphics.Color)	4290734219 (0xFFBF688B)
YUV	134.0030, 2.4635, 49.9864
Hunter-Lab	47.7924, 32.5055, -0.2839

Details

The XYZ color **31.0964, 22.8411, 27.1959** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **30.3416, 42.6056, 38.0793**, and the grayscale version is **22.6425, 23.8217, 25.9419**.

A 20% lighter version of the original color is **60.6383, 48.0594, 55.9496**, and **13.0679, 8.4184, 10.3873** is the 20% darker color. If you saturate the color by 10%, you get **28.5959, 19.1061, 22.4595**, and if you desaturate by 10%, it is **34.1207, 27.4840, 32.5373**.

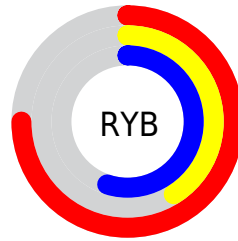
Distribution



Red (75%)

Green (41%)

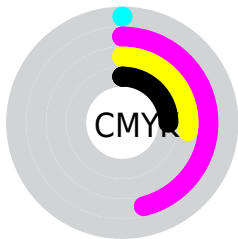
Blue (55%)



Red (75%)

Yellow (41%)

Blue (55%)

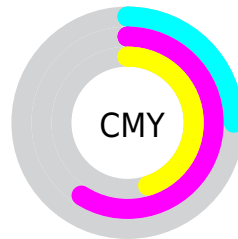


Cyan (0%)

Magenta (46%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (59%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0964, 22.8411, 27.1959 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 31.0964, 22.8411, 27.1959 by changing the saturation by 10% instead.


 31.0964, 22.8411,
27.1959


 31.0964, 22.8411,
27.1959


298.8011,
266.9078, 302.3945


 20.8245, 14.4762,
17.4867


 60.7666, 48.1323,
56.2056


 13.1075, 8.4526,
10.4165


 80.8956, 65.8274,
76.3432

 7.5801, 4.3859,
5.5668


 105.0410, 87.4013,
100.7939

 3.8770, 1.8917,
2.5190

 133.5681,
113.2385, 129.9764

 1.6328, 0.5434,
0.8502

166.8423,
143.7234, 164.3092

 0.4136, 0.0000,
0.0000

205.2290,

 0.0000, 0.0000,

179.2403, 204.2108

0.0000

249.0935,
220.1736, 250.0997

■ 31.0964, 22.8411,
27.1959

■ 31.0964, 22.8411,
27.1959

■ 28.5959, 19.1061,
22.4595

■ 34.1207, 27.4840,
32.5373

■ 26.5849, 16.2150,
18.3027

■ 37.6964, 33.0863,
38.5046

■ 25.0277, 14.1008,
14.7001

■ 41.8514, 39.6999,
45.1195

■ 23.8825, 12.6846,
11.6232

■ 46.6111, 47.3716,
52.4021

■ 23.0981, 11.8690,
9.0397

■ 51.9993, 56.1456,
60.3713

■ 22.8196, 11.6099,
8.0286

■ 58.0385, 66.0634,
69.0456

■ 64.7502, 77.1643,
78.4425

■ 71.5759, 88.3284,
88.3859

■ 73.2356, 88.9923,
97.1257

Harmonies

Analogous

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



29.2238, 22.8411, 41.4104



31.0964, 22.8411, 27.1959



30.1951, 22.8411, 16.2161

Triad

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



31.0964, 22.8411, 27.1959



18.4292, 22.8411, 8.8781



17.2324, 22.8411, 49.7932

Complementary

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



31.0964, 22.8411, 27.1959



30.3416, 42.6056, 38.0793

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.



14.9847, 22.8411, 36.1581



31.0964, 22.8411, 27.1959



15.6086, 22.8411, 13.4508

Square

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



31.0964, 22.8411, 27.1959



22.5074, 22.8411, 7.8853



14.4322, 22.8411, 22.6808



20.9312, 22.8411, 56.9553

Rectangle

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



31.0964, 22.8411, 27.1959



28.1969, 22.8411, 11.6105



14.4322, 22.8411, 22.6808



16.3028, 22.8411, 45.6332

Sweetspot

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



31.0970, 22.8422, 27.1963



76.0225, 72.8129, 82.4683



27.8250, 20.6074, 51.8015



16.3099, 15.3738, 17.5111



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.



31.0970, 22.8422, 27.1963



51.0853, 34.0283, 39.9679



29.6972, 23.5006, 16.0690



9.6849, 9.5983, 10.7298



15.0343, 7.6449, 5.4740



0.6214, 0.3124, 0.3854

Inverse Universe

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



31.0970, 22.8422, 27.1963



51.0853, 34.0283, 39.9679



32.2023, 40.8825, 55.4843



9.6849, 9.5983, 10.7298



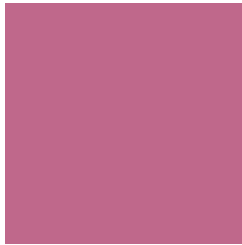
15.0343, 7.6449, 5.4740



0.6214, 0.3124, 0.3854

Previews

White Background



This preview shows how the XYZ color 31.0964, 22.8411, 27.1959 looks on a white background.

Color Contrast Check

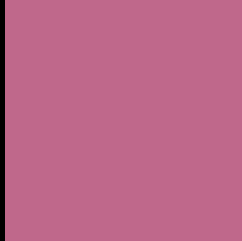
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0964, 22.8411, 27.1959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

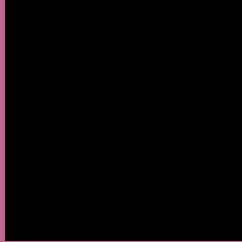
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0964, 22.8411, 27.1959

Background



This preview shows how black text looks on a background with the XYZ color 31.0964, 22.8411, 27.1959.



This preview shows how white text looks on a background with the XYZ color 31.0964, 22.8411,

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

31.0964, 22.8411, 27.1959

Protanopia

22.8694, 23.1449, 34.7146

Deuteranopia

23.4200, 23.0273, 26.1320



Tritanopia

29.5012, 22.8049, 19.3699

Trichromacy



Original Color

31.0964, 22.8411, 27.1959

Protanomaly

24.9201, 22.3608, 31.8568

Deuteranomaly

25.5380, 22.4448, 26.2788

Tritanomaly

30.1310, 22.9178, 21.9043

Monochromacy



Original Color

31.0964, 22.8411, 27.1959

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.0445, 22.9121, 26.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0964, 22.8411, 27.1959 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, 104, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 104, 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(191, 104, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 104, 139) }
```

Border

The CSS property to change the border of an element to XYZ 31.0964, 22.8411, 27.1959 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, 104, 139) }
```


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

```
.border{ border-color:rgb(191, 104, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 104, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 104, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 104, 139); box-shadow:4px 4px 4px 4px rgb(191, 104, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0964, 22.8411, 27.1959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 104, 139) }
```

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

```
.background{ background-color: rgb(191,  
104, 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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