

Converting Colors

XYZ(31.7460, 24.0183, 24.0819)

Have a look what the booklet for
XYZ(31.7460, 24.0183, 24.0819)
contains.

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Color

**XYZ(31.7460, 24.0183,
24.0819)**

Conversions

Conversions Part 1

Format	Color
Hex	C26D82
RGB	194, 109, 130
RGB Percent	76%, 43%, 51%
CMY	0.2392, 0.5725, 0.4902
CMYK	0.00, 0.44, 0.33, 0.24
HSL	345°, 41%, 59%
HSV	345°, 44%, 76%
XYZ	31.7460, 24.0183, 24.0819
YIQ	136.8090, 43.9190, 24.5510

Conversions

Conversions Part 2

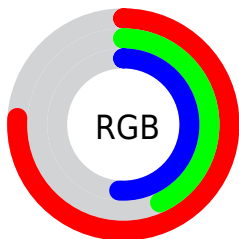
Format	Color
RYB	194, 109, 130
Decimal	12742018
CIELab	56.11, 36.11, 3.37
CIELCh	56, 36.267, 5.333
Yxy	24.0183, 0.3976, 0.3008
Android (android.graphics.Color)	4290932098 (0xFFC26D82)
YUV	136.8090, -3.3568, 50.1565
Hunter-Lab	49.0085, 29.8613, 5.1719

Details

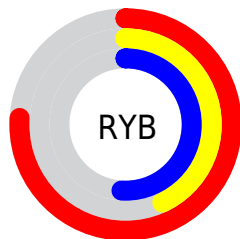
The XYZ color **31.7460, 24.0183, 24.0819** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.1424, 44.8524, 46.4481**, and the grayscale version is **23.7070, 24.9417, 27.1615**.

A 20% lighter version of the original color is **61.6125, 49.9550, 51.1947**, and **13.5304, 9.1253, 8.8328** is the 20% darker color. If you saturate the color by 10%, you get **28.9883, 19.9621, 18.6637**, and if you desaturate by 10%, it is **35.1010, 29.0459, 30.3865**.

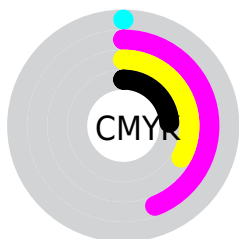
Distribution



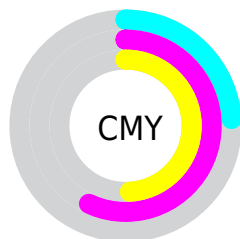
- Red (76%)
- Green (43%)
- Blue (51%)



- Red (76%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (24%)





- Cyan (24%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7460, 24.0183, 24.0819 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 31.7460, 24.0183, 24.0819 by changing the saturation by 10% instead.

 31.7460, 24.0183,
24.0819


 31.7460, 24.0183,
24.0819


301.7265,
272.9130, 286.5342


 21.3222, 15.3472,
15.1816


 61.7806, 50.0601,
51.1093


 13.4735, 9.0634,
8.7989


 82.1220, 68.1995,
70.0735

 7.8346, 4.7826,
4.5152


 106.5001, 90.2639,
93.2295

 4.0402, 2.1203,
1.9120

 135.2800,
116.6375, 120.9957

 1.7249, 0.6760,
0.5004

168.8273,
147.7049, 153.7908

 0.4718, 0.0000,
0.0000

207.5072,

 0.0000, 0.0000,

183.8503, 192.0332

0.0000

251.6852,
225.4582, 236.1414

■ 31.7460, 24.0183,
24.0819

■ 31.7460, 24.0183,
24.0819

■ 28.9883, 19.9621,
18.6637

■ 35.1010, 29.0459,
30.3865

■ 26.7896, 16.8108,
14.0896

■ 39.0843, 35.0989,
37.6142

■ 25.1103, 14.4948,
10.3159


■ 43.7273, 42.2312,
45.8014


■ 23.9045, 12.9329,
7.2939


■ 49.0586, 50.4923,
54.9818


■ 23.1172, 12.0274,
4.9690


■ 55.1050, 59.9282,
65.1877

 22.7800, 11.6821,
3.8421

 61.8919, 70.5827,
76.4499

 69.4435, 82.4972,
88.7978

 74.7755, 89.6963,
101.2571

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



30.8884, 24.0183, 36.9141



31.7460, 24.0183, 24.0819



29.9887, 24.0183, 15.0231

Triad

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



31.7460, 24.0183, 24.0819



18.5118, 24.0183, 11.5713



19.6532, 24.0183, 52.9518

Complementary

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



31.7460, 24.0183, 24.0819



33.1424, 44.8524, 46.4481

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.



16.9100, 24.0183, 41.7468



31.7460, 24.0183, 24.0819



16.3092, 24.0183, 17.7156

Square

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



31.7460, 24.0183, 24.0819



22.0940, 24.0183, 9.3418



15.7603, 24.0183, 28.3371



23.5795, 24.0183, 56.2002

Rectangle

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



31.7460, 24.0183, 24.0819



27.6828, 24.0183, 11.4830



15.7603, 24.0183, 28.3371



18.5780, 24.0183, 49.8538

Sweetspot

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



31.7467, 24.0195, 24.0824



79.7719, 77.3597, 83.9360



32.3855, 23.6894, 53.9045



17.0276, 16.2597, 17.6109



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.7467, 24.0195, 24.0824



52.5066, 36.1477, 33.7879



33.0252, 28.6065, 18.2505



10.1730, 10.1178, 11.0014



15.0051, 7.6918, 2.6732



0.6769, 0.3438, 0.2658

Inverse Universe

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



31.7467, 24.0195, 24.0824



52.5066, 36.1477, 33.7879



30.9409, 36.9384, 56.5380



10.1730, 10.1178, 11.0014



15.0051, 7.6918, 2.6732



0.6769, 0.3438, 0.2658

Previews

White Background



This preview shows how the XYZ color 31.7460, 24.0183, 24.0819 looks on a white background.

Color Contrast Check

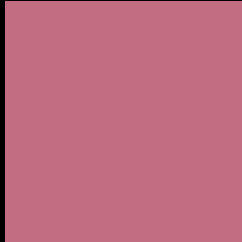
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7460, 24.0183, 24.0819 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 31.7460, 24.0183, 24.0819

Background



This preview shows how black text looks on a background with the XYZ color 31.7460, 24.0183, 24.0819.



This preview shows how white text looks on a background with the XYZ color 31.7460, 24.0183,

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

31.7460, 24.0183, 24.0819

Protanopia

23.6276, 24.2454, 30.2226

Deuteranopia

24.5110, 24.0509, 23.0891



Tritanopia

31.0065, 24.0382, 20.4584

Trichromacy



Original Color

31.7460, 24.0183, 24.0819

Protanomaly

25.7775, 23.6286, 28.0131

Deuteranomaly

26.7266, 23.6669, 23.2382

Tritanomaly

31.1434, 23.9194, 21.7144

Monochromacy



Original Color

31.7460, 24.0183, 24.0819

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.9930, 24.1691, 25.8494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7460, 24.0183, 24.0819 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(194, 109, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 109, 130)  
}
```

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(194, 109, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 109, 130) }
```

Border

The CSS property to change the border of an element to XYZ 31.7460, 24.0183, 24.0819 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(194, 109, 130) }
```


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

```
.border{ border-color:rgb(194, 109, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 109, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 109, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 109, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 109,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7460, 24.0183, 24.0819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 109, 130) }
```

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

```
.background{ background-color: rgb(194,  
109, 130) }
```

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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