

Converting Colors

XYZ(31.5515, 24.8526, 23.4783)

Have a look what the booklet for
XYZ(31.5515, 24.8526, 23.4783)
contains.

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Color

**XYZ(31.5129, 24.8963,
23.5666)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7380
RGB	191, 115, 128
RGB Percent	75%, 45%, 50%
CMY	0.2510, 0.5490, 0.4980
CMYK	0.00, 0.40, 0.33, 0.25
HSL	350°, 37%, 60%
HSV	350°, 40%, 75%
XYZ	31.5129, 24.8963, 23.5666
YIQ	139.2060, 41.1230, 20.1550

Conversions

Conversions Part 2

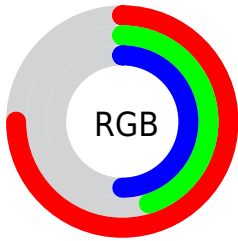
Format	Color
R_{YB}	191, 115, 128
Decimal	12546944
CIE _{Lab}	56.97, 31.52, 5.74
CIE _{LCh}	57, 32.035, 10.315
Yxy	24.8963, 0.3940, 0.3113
Android (android.graphics.Color)	4290737024 (0xFFBF7380)
YUV	139.2060, -5.5246, 45.4233
Hunter-Lab	49.8962, 25.4168, 6.9239

Details

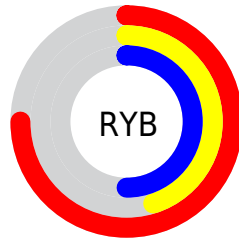
The XYZ color **31.5129, 24.8963, 23.5666** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.7381, 44.1215, 48.8599**, and the grayscale version is **24.6301, 25.9128, 28.2190**.

A 20% lighter version of the original color is **61.4100, 51.4812, 50.4163**, and **13.2933, 9.4960, 8.5294** is the 20% darker color. If you saturate the color by 10%, you get **28.5941, 20.5984, 17.8468**, and if you desaturate by 10%, it is **35.0470, 30.1642, 30.2944**.

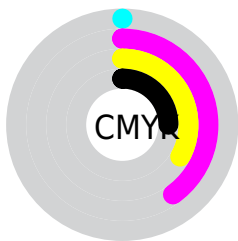
Distribution



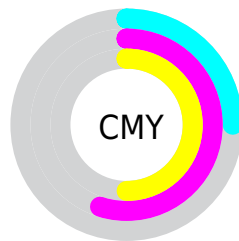
- Red (75%)
- Green (45%)
- Blue (50%)



- Red (75%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (25%)




- Cyan (25%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5129, 24.8963, 23.5666 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 31.5129, 24.8963, 23.5666 by changing the saturation by 10% instead.

 31.5129, 24.8963,
23.5666


 31.5129, 24.8963,
23.5666


300.6792,
277.3211, 283.8376


 21.1435, 15.9998,
14.8032


 61.4170, 51.4889,
50.2570

 13.3420, 9.5240,
8.5363


 81.6825, 69.9539,
69.0210

 7.7431, 5.0845,
4.3473


 105.9773, 92.3771,
91.9557

 3.9814, 2.2969,
1.8178

134.6668,
119.1430, 119.4796

 1.6916, 0.7721,
0.4396

168.1164,
150.6359, 152.0112

 0.4510, 0.0000,
0.0000

206.6914,

 0.0000, 0.0000,

187.2403, 189.9690

0.0000

250.7572,
229.3406, 233.7716

■ 31.5129, 24.8963,
23.5666

■ 31.5129, 24.8963,
23.5666

■ 28.5941, 20.5984,
17.8468

■ 35.0470, 30.1642,
30.2944

■ 26.2529, 17.2076,
13.0846

■ 39.2269, 36.4525,
38.0743

■ 24.4507, 14.6594,
9.2274


■ 44.0839, 43.8126,
46.9496

■ 23.1430, 12.8794,
6.2166


■ 49.6462, 52.2913,
56.9608


■ 22.2783, 11.7798,
3.9867


■ 55.9407, 61.9327,
68.1460

 21.7648, 11.1950,
2.4524

 62.9927, 72.7784,
80.5419

 21.7558, 11.1843,
2.4263

 70.8265, 84.8680,
94.1834

 75.2430, 89.7952,
107.6967

 75.2960, 89.8164,
107.9755

Harmonies

Analogous

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



31.1443, 24.8963, 34.6980



31.5129, 24.8963, 23.5666



29.6153, 24.8963, 15.7968

Triad

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



31.5129, 24.8963, 23.5666



19.2869, 24.8963, 14.1863



21.3104, 24.8963, 51.6514

Complementary

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



31.5129, 24.8963, 23.5666



33.7381, 44.1215, 48.8599

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.



18.5673, 24.8963, 42.8327



31.5129, 24.8963, 23.5666



17.4876, 24.8963, 20.7141

Square

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



31.5129, 24.8963, 23.5666



22.3920, 24.8963, 11.4132



17.2390, 24.8963, 30.9872



24.9816, 24.8963, 53.0086

Rectangle

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



31.5129, 24.8963, 23.5666



27.4273, 24.8963, 12.8048



17.2390, 24.8963, 30.9872



20.2602, 24.8963, 49.3692

Sweetspot

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



31.5136, 24.8975, 23.5671



76.7515, 75.1225, 80.0860



33.6822, 25.3793, 52.4139



16.5946, 16.1027, 17.1137



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.



31.5136, 24.8975, 23.5671



51.7008, 37.6065, 32.9365



33.8235, 30.7999, 20.3834



9.5950, 9.5623, 10.2561



14.3185, 7.3585, 1.7048



0.5818, 0.2966, 0.1769

Inverse Universe

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



31.5136, 24.8975, 23.5671



51.7008, 37.6065, 32.9365



30.2817, 35.0204, 54.4541



9.5950, 9.5623, 10.2561



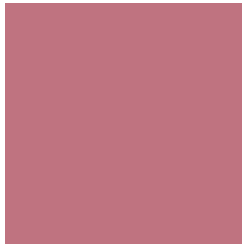
14.3185, 7.3585, 1.7048



0.5818, 0.2966, 0.1769

Previews

White Background



This preview shows how the XYZ color 31.5129, 24.8963, 23.5666 looks on a white background.

Color Contrast Check

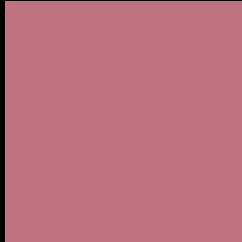
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5129, 24.8963, 23.5666 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 31.5129, 24.8963, 23.5666

Background



This preview shows how black text looks on a background with the XYZ color 31.5129, 24.8963, 23.5666.



This preview shows how white text looks on a background with the XYZ color 31.5129, 24.8963,

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

31.5129, 24.8963, 23.5666

Protanopia

24.1852, 24.9907, 28.3599

Deuteranopia

25.4705, 24.9518, 22.8758



Tritanopia

31.3693, 25.0224, 22.2452

Trichromacy



Original Color

31.5129, 24.8963, 23.5666

Protanomaly

26.2637, 24.4850, 26.6344

Deuteranomaly

27.3752, 24.7529, 23.0736

Tritanomaly

31.4329, 25.0478, 22.5801

Monochromacy



Original Color

31.5129, 24.8963, 23.5666

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.4564, 24.9836, 26.3496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5129, 24.8963, 23.5666 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, 115, 128)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 128)  
}
```

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, 115, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 128) }
```

Border

The CSS property to change the border of an element to XYZ 31.5129, 24.8963, 23.5666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

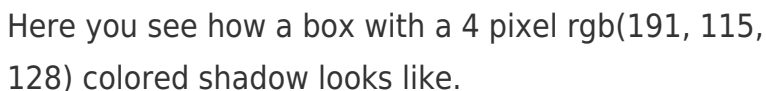
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 115, 128) }
```


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

```
.border{ border-color:rgb(191, 115, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 115, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 115, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 115, 128); box-shadow:4px 4px 4px 4px rgb(191, 115, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5129, 24.8963, 23.5666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 128) }
```

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

```
.background{ background-color: rgb(191,  
115, 128) }
```

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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