

Converting Colors

XYZ(30.0715, 23.9336, 19.9581)

Have a look what the booklet for
XYZ(30.0715, 23.9336, 19.9581)
contains.

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Color

**XYZ(30.1023, 23.9134,
19.8588)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7175
RGB	189, 113, 117
RGB Percent	74%, 44%, 46%
CMY	0.2588, 0.5568, 0.5412
CMYK	0.00, 0.40, 0.38, 0.26
HSL	357°, 37%, 59%
HSV	357°, 40%, 74%
XYZ	30.1023, 23.9134, 19.8588
YIQ	136.1800, 44.0120, 17.3560

Conversions

Conversions Part 2

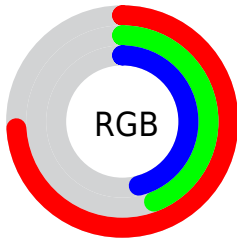
Format	Color
R _Y B	189, 113, 117
Decimal	12415349
CIE Lab	56.00, 30.47, 10.72
CIE LCh	56, 32.300, 19.380
Yxy	23.9134, 0.4075, 0.3237
Android (android.graphics.Color)	4290605429 (0xFFBD7175)
YUV	136.1800, -9.4557, 46.3231
Hunter-Lab	48.9013, 24.3023, 10.1533

Details

The XYZ color **30.1023, 23.9134, 19.8588** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.7657, 43.4093, 52.5005**, and the grayscale version is **23.4925, 24.7160, 26.9157**.

A 20% lighter version of the original color is **59.1554, 49.9112, 44.0521**, and **12.5246, 8.9712, 6.7017** is the 20% darker color. If you saturate the color by 10%, you get **27.2550, 19.7456, 14.2029**, and if you desaturate by 10%, it is **33.5913, 29.0423, 26.7227**.

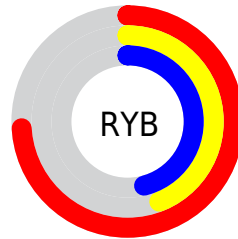
Distribution



Red (74%)

Green (44%)

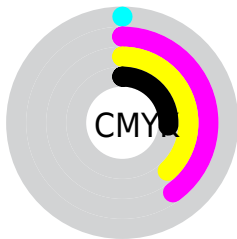
Blue (46%)



Red (74%)

Yellow (44%)

Blue (46%)

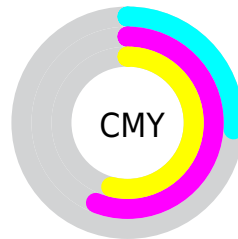


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (56%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1023, 23.9134, 19.8588 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 30.1023, 23.9134, 19.8588 by changing the saturation by 10% instead.


 30.1023, 23.9134,
19.8588


 30.1023, 23.9134,
19.8588


294.2823,
272.3824, 263.7286


 20.0647, 15.2694,
12.1094


 59.2094, 49.8888,
44.0362


 12.5506, 9.0087,
6.6948


 79.0097, 67.9891,
61.3012

 7.1947, 4.7468,
3.1964


 102.7949, 90.0102,
82.5752

 3.6316, 2.0995,
1.1958

 130.9304,
116.3365, 108.2767

 1.4959, 0.6643,
0.0000

163.7815,
147.3525, 138.8243

 0.3230, 0.0000,
0.0000

201.7136,

 0.0000, 0.0000,

183.4426, 174.6364

0.0000

245.0921,
224.9910, 216.1317

■ 30.1023, 23.9134,
19.8588

■ 30.1023, 23.9134,
19.8588

■ 27.2550, 19.7456,
14.2029

■ 33.5913, 29.0423,
26.7227

■ 25.0086, 16.4758,
9.6837

■ 37.7559, 35.1831,
34.8573

■ 23.3204, 14.0389,
6.2247


■ 42.6298, 42.3874,
44.3228


■ 22.1415, 12.3597,
3.7394


■ 48.2438, 50.7022,
55.1752


■ 21.4142, 11.3493,
2.1276

■ 54.6270, 60.1718,
67.4672

 21.0408, 10.8406,
1.2688

 61.8070, 70.8378,
81.2486

 69.8099, 82.7400,
96.5670

 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



30.4419, 23.9134, 29.9656



30.1023, 23.9134, 19.8588



27.6693, 23.9134, 13.4567

Triad

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



30.1023, 23.9134, 19.8588



17.7566, 23.9134, 14.9206



21.4461, 23.9134, 51.5580

Complementary

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



30.1023, 23.9134, 19.8588



33.7657, 43.4093, 52.5005

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.



18.4148, 23.9134, 44.7122



30.1023, 23.9134, 19.8588



16.4430, 23.9134, 22.4688

Square

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



30.1023, 23.9134, 19.8588



20.4544, 23.9134, 11.1858



16.6702, 23.9134, 33.3811



25.1662, 23.9134, 50.3013

Rectangle

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



30.1023, 23.9134, 19.8588



25.3209, 23.9134, 11.2716



16.6702, 23.9134, 33.3811



20.3203, 23.9134, 50.0684

Sweetspot

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



30.1029, 23.9146, 19.8593



74.5153, 73.2017, 75.8262



34.8423, 25.6677, 51.2622



15.7714, 15.3679, 15.8158



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.1029, 23.9146, 19.8593



49.4806, 36.3384, 26.7686



34.2363, 32.5493, 20.1025



9.5500, 9.5443, 10.0191



14.1658, 7.2975, 0.9006



0.5619, 0.2887, 0.0723

Inverse Universe

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



30.1029, 23.9146, 19.8593



49.4806, 36.3384, 26.7686



27.8961, 30.9852, 52.6547



9.5500, 9.5443, 10.0191



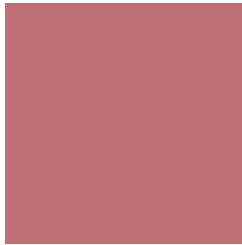
14.1658, 7.2975, 0.9006



0.5619, 0.2887, 0.0723

Previews

White Background



This preview shows how the XYZ color 30.1023, 23.9134, 19.8588 looks on a white background.

Color Contrast Check

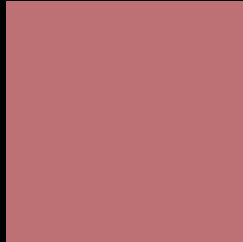
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1023, 23.9134, 19.8588 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 30.1023, 23.9134, 19.8588

Background



This preview shows how black text looks on a background with the XYZ color 30.1023, 23.9134, 19.8588.



This preview shows how white text looks on a background with the XYZ color 30.1023, 23.9134,

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

30.1023, 23.9134, 19.8588

Protanopia

23.0688, 24.0977, 23.8575

Deuteranopia

24.5375, 24.1487, 19.2875



Tritanopia

30.2316, 23.7876, 21.0873

Trichromacy



Original Color

30.1023, 23.9134, 19.8588

Protanomaly

25.0036, 23.5450, 22.2956

Deuteranomaly

26.2385, 23.8686, 19.4438

Tritanomaly

30.1706, 23.7632, 20.7659

Monochromacy



Original Color

30.1023, 23.9134, 19.8588

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.1992, 23.9919, 24.0716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1023, 23.9134, 19.8588 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(189, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 113, 117)  
}
```

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(189, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 113, 117) }
```

Border

The CSS property to change the border of an element to XYZ 30.1023, 23.9134, 19.8588 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(189, 113, 117) }
```


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

```
.border{ border-color:rgb(189, 113, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 113, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 113, 117); box-shadow:4px 4px 4px 4px rgb(189, 113, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1023, 23.9134, 19.8588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 113, 117) }
```

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

```
.background{ background-color: rgb(189,  
113, 117) }
```

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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