

Converting Colors

XYZ(28.3385, 23.7696, 15.9272)

Have a look what the booklet for
XYZ(28.3385, 23.7696, 15.9272)
contains.

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Color

**XYZ(28.3379, 23.7691,
15.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	B77567
RGB	183, 117, 103
RGB Percent	72%, 46%, 40%
CMY	0.2824, 0.5412, 0.5961
CMYK	0.00, 0.36, 0.44, 0.28
HSL	11°, 36%, 56%
HSV	11°, 44%, 72%
XYZ	28.3379, 23.7691, 15.9263
YIQ	135.1380, 43.8300, 9.6380

Conversions

Conversions Part 2

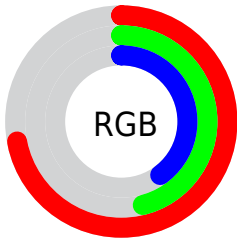
Format	Color
R _Y B	183, 120, 103
Decimal	12023143
CIE Lab	55.86, 24.30, 18.51
CIE LCh	56, 30.550, 37.298
Yxy	23.7691, 0.4165, 0.3494
Android (android.graphics.Color)	4290213223 (0xFFB77567)
YUV	135.1380, -15.8440, 41.9750
Hunter-Lab	48.7536, 18.4340, 14.7593

Details

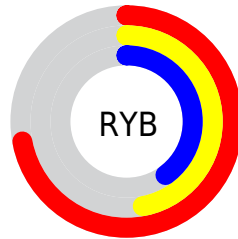
The XYZ color **28.3379, 23.7691, 15.9263** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3281, 34.6770, 50.0000**, and the grayscale version is **23.1265, 24.3308, 26.4963**.

A 20% lighter version of the original color is **56.4831, 49.7833, 37.2040**, and **11.5333, 8.9318, 4.8575** is the 20% darker color. If you saturate the color by 10%, you get **25.8986, 20.2031, 11.0668**, and if you desaturate by 10%, it is **31.2631, 27.9852, 21.9400**.

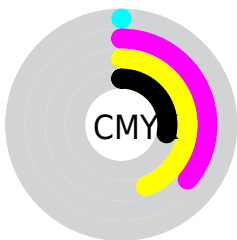
Distribution



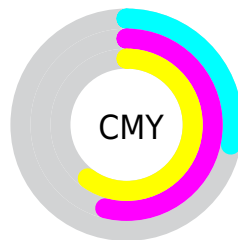
- Red (72%)
- Green (46%)
- Blue (40%)



- Red (72%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (28%)





- Cyan (28%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3379, 23.7691, 15.9263 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 28.3379, 23.7691, 15.9263 by changing the saturation by 10% instead.


 28.3379, 23.7691,
15.9263


 28.3379, 23.7691,
15.9263


286.1289,
271.6510, 240.7373


 18.7223, 15.1624,
9.3182


 56.4283, 49.6531,
37.2352


 11.5726, 8.9335,
4.8497


 75.6339, 67.6993,
52.7731

 6.5235, 4.6978,
2.1021


 98.7668, 89.6607,
72.1248

 3.2096, 2.0711,
0.6170

 126.1924,
115.9219, 95.7086

 1.2655, 0.6483,
0.0000

158.2760,
146.8671, 123.9433

 0.1572, 0.0000,
0.0000

195.3831,

 0.0000, 0.0000,

182.8807, 157.2472

0.0000

237.8789,
224.3473, 196.0391

■ 28.3379, 23.7691,
15.9263

■ 28.3379, 23.7691,
15.9263

■ 25.8986, 20.2031,
11.0668

■ 31.2631, 27.9852,
21.9400

■ 23.9166, 17.2513,
7.2858

■ 34.6972, 32.8780,
29.1743

■ 22.3630, 14.8795,
4.5006


■ 38.6637, 38.4770,
37.6921


■ 21.2046, 13.0487,
2.6161


■ 43.1843, 44.8088,
47.5516


■ 20.4029, 11.7148,
1.5179


■ 48.2793, 51.8987,
58.8073

 20.0458, 11.1021,
1.0864

 53.9680, 59.7706,
71.5109

 60.2690, 68.4475,
85.7113

 67.1997, 77.9514,
101.4551

 72.6639, 87.4583,
107.6591

Harmonies

Analogous

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



29.8926, 23.7691, 23.5239



28.3379, 23.7691, 15.9263



25.2713, 23.7691, 11.9316

Triad

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



28.3379, 23.7691, 15.9263



16.9689, 23.7691, 19.1724



23.4517, 23.7691, 49.8944

Complementary

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



28.3379, 23.7691, 15.9263



28.3281, 34.6770, 50.0000

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.



20.1088, 23.7691, 47.8651



28.3379, 23.7691, 15.9263



16.5885, 23.7691, 28.3895

Square

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



28.3379, 23.7691, 15.9263



18.7782, 23.7691, 13.4426



17.6803, 23.7691, 39.3017



26.8896, 23.7691, 44.2935

Rectangle

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



28.3379, 23.7691, 15.9263



22.9084, 23.7691, 11.0801



17.6803, 23.7691, 39.3017



22.2781, 23.7691, 50.1019

Sweetspot

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



28.3385, 23.7703, 15.9268



69.6276, 69.4479, 68.3319



31.6030, 22.6577, 40.5728



15.0114, 14.8224, 14.2982



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.3385, 23.7703, 15.9268



46.7254, 36.6865, 20.4880



33.9212, 34.9356, 17.7876



9.1283, 9.2596, 9.4131



14.0206, 7.8175, 0.7700



0.5336, 0.3542, 0.0402

Inverse Universe

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



28.3281, 34.6770, 50.0000



46.6697, 58.5775, 89.0826



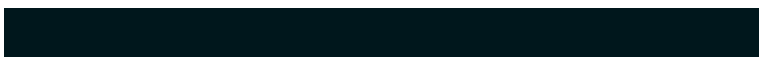
22.0793, 22.1794, 47.9170



9.1293, 9.9359, 11.5161



13.7238, 17.9073, 33.9862



0.5194, 0.7024, 1.2100

Previews

White Background



This preview shows how the XYZ color 28.3379, 23.7691, 15.9263 looks on a white background.

Color Contrast Check

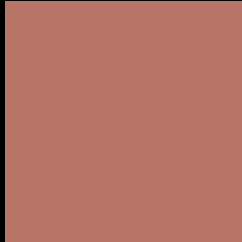
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3379, 23.7691, 15.9263 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 28.3379, 23.7691, 15.9263

Background



This preview shows how black text looks on a background with the XYZ color 28.3379, 23.7691, 15.9263.



This preview shows how white text looks on a background with the XYZ color 28.3379, 23.7691,

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

28.3379, 23.7691, 15.9263

Protanopia

22.5497, 23.9487, 18.4730

Deuteranopia

24.2998, 23.9092, 15.6461



Tritanopia

29.6000, 23.7790, 21.7686

Trichromacy



Original Color

28.3379, 23.7691, 15.9263

Protanomaly

24.3306, 23.6892, 17.4775

Deuteranomaly

25.6682, 23.8420, 15.8195

Tritanomaly

29.0503, 23.7128, 19.5689

Monochromacy



Original Color

28.3379, 23.7691, 15.9263

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2432, 23.5438, 22.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3379, 23.7691, 15.9263 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(183, 117, 103)` looks like.

```
.text, #text, p{  
    color:rgb(183, 117, 103)  
}
```

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(183, 117, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 117, 103) }
```

Border

The CSS property to change the border of an element to XYZ 28.3379, 23.7691, 15.9263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

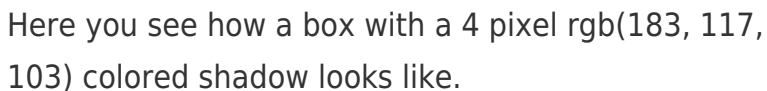
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 117, 103) }
```


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

```
.border{ border-color:rgb(183, 117, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 117, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 117, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 117, 103);  
box-shadow:4px 4px 4px 4px rgb(183, 117,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3379, 23.7691, 15.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 117, 103) }
```

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

```
.background{ background-color: rgb(183,  
117, 103) }
```

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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