

Converting Colors

XYZ(28.7626, 23.2979, 10.4047)

Have a look what the booklet for
XYZ(28.7626, 23.2979, 10.4047)
contains.

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Color

**XYZ(28.6913, 23.2292,
10.3686)**

Conversions

Conversions Part 1

Format	Color
Hex	BF704F
RGB	191, 112, 79
RGB Percent	75%, 44%, 31%
CMY	0.2510, 0.5608, 0.6902
CMYK	0.00, 0.41, 0.59, 0.25
HSL	18°, 47%, 53%
HSV	18°, 59%, 75%
XYZ	28.6913, 23.2292, 10.3686
YIQ	131.8590, 57.6770, 6.4850

Conversions

Conversions Part 2

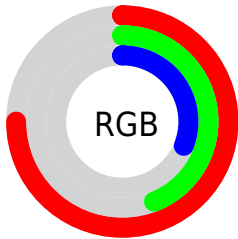
Format	Color
RYB	191, 126, 79
Decimal	12546127
CIELab	55.31, 28.05, 31.61
CIElCh	55, 42.262, 48.420
Yxy	23.2292, 0.4606, 0.3729
Android (android.graphics.Color)	4290736207 (0xFFBF704F)
YUV	131.8590, -26.0595, 51.8667
Hunter-Lab	48.1967, 21.9162, 20.9826

Details

The XYZ color **28.6913, 23.2292, 10.3686** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **24.8545, 29.8760, 53.7467**, and the grayscale version is **21.9582, 23.1018, 25.1578**.

A 20% lighter version of the original color is **57.2012, 49.0045, 27.2129**, and **11.7249, 8.6514, 2.4908** is the 20% darker color. If you saturate the color by 10%, you get **26.7166, 20.2372, 6.7593**, and if you desaturate by 10%, it is **31.0893, 26.7484, 15.1047**.

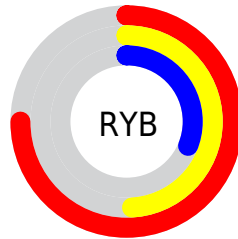
Distribution



Red (75%)

Green (44%)

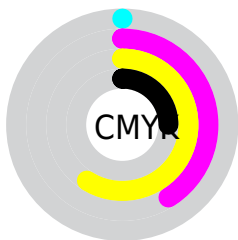
Blue (31%)



Red (75%)

Yellow (49%)

Blue (31%)

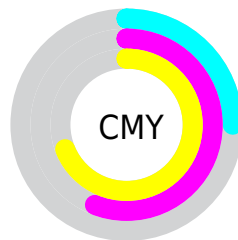


Cyan (0%)

Magenta (41%)

Yellow (59%)

Black (25%)



Cyan (25%)


Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6913, 23.2292, 10.3686 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 28.6913, 23.2292, 10.3686 by changing the saturation by 10% instead.

 28.6913, 23.2292,
10.3686


 28.6913, 23.2292,
10.3686


287.7762,
268.9000, 203.8624


 18.9905, 14.7628,
5.5352


 56.9872, 48.7694,
27.1051


 11.7674, 8.6531,
2.5004


 76.3131, 66.6120,
39.8453

 6.6566, 4.5156,
0.8404


 99.5780, 88.3489,
56.0583

 3.2927, 1.9660,
0.0000

 127.1474,
114.3643, 76.1625

 1.3104, 0.5876,
0.0000

 159.3865,
145.0428, 100.5764

 0.1910, 0.0000,
0.0000

196.6608,

 0.0000, 0.0000,

180.7686, 129.7187

0.0000

239.3356,
221.9262, 164.0079

■ 28.6913, 23.2292,
10.3686

■ 28.6913, 23.2292,
10.3686

■ 26.7166, 20.2372,
6.7593

■ 31.0893, 26.7484,
15.1047

■ 25.1360, 17.7419,
4.1794

■ 33.9336, 30.8157,
21.0512

■ 23.9187, 15.7151,
2.5167

■ 37.2476, 35.4555,
28.2853

■ 23.0191, 14.1202,
1.5869

■ 41.0524, 40.6893,
36.8773

■ 22.9138, 13.9324,
1.4815

■ 45.3676, 46.5377,
46.8924

■ 50.2119, 53.0201,
58.3917

■ 55.6030, 60.1552,
71.4324

■ 61.5577, 67.9607,
86.0689

■ 68.0921, 76.4538,
102.3530

Harmonies

Analogous

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



31.8958, 23.2292, 17.9136



28.6913, 23.2292, 10.3686



23.9577, 23.2292, 7.3793

Triad

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



28.6913, 23.2292, 10.3686



14.3044, 23.2292, 20.4099



25.0833, 23.2292, 58.9877

Complementary

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



28.6913, 23.2292, 10.3686



24.8545, 29.8760, 53.7467

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.



20.3005, 23.2292, 60.4157



28.6913, 23.2292, 10.3686



14.5160, 23.2292, 34.4621

Square

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



28.6913, 23.2292, 10.3686



15.9427, 23.2292, 11.6310



16.5691, 23.2292, 50.2507



29.6161, 23.2292, 46.8525

Rectangle

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



28.6913, 23.2292, 10.3686



20.7717, 23.2292, 7.2700



16.5691, 23.2292, 50.2507



23.4393, 23.2292, 60.8630

Sweetspot

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



28.6919, 23.2304, 10.3690



73.7826, 73.2261, 66.6372



30.5630, 19.1809, 35.0138



15.7384, 15.4458, 13.5741



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.



28.6919, 23.2304, 10.3690



47.0868, 35.0602, 10.8004



36.6670, 39.1806, 13.0274



9.7532, 9.9823, 9.9894



15.1204, 9.2796, 0.9942



0.6510, 0.4809, 0.0585

Inverse Universe

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



24.8545, 29.8760, 53.7467



39.4961, 47.8284, 95.4293



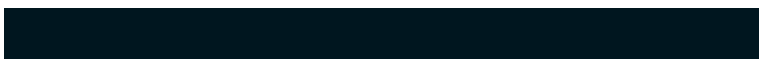
17.5054, 15.1777, 51.2969



9.5647, 10.3217, 12.1604



11.9204, 13.9526, 34.4577



0.5211, 0.6548, 1.3678

Previews

White Background



This preview shows how the XYZ color 28.6913, 23.2292, 10.3686 looks on a white background.

Color Contrast Check

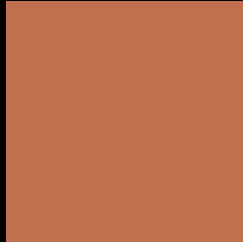
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6913, 23.2292, 10.3686 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 28.6913, 23.2292, 10.3686

Background



This preview shows how black text looks on a background with the XYZ color 28.6913, 23.2292, 10.3686.



This preview shows how white text looks on a background with the XYZ color 28.6913, 23.2292,

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

28.6913, 23.2292, 10.3686

Protanopia

21.6094, 23.3925, 12.3931

Deuteranopia

23.7942, 23.3819, 10.0966



Tritanopia

30.3445, 23.0907, 19.0773

Trichromacy



Original Color

28.6913, 23.2292, 10.3686

Protanomaly

23.6318, 22.8844, 11.5591

Deuteranomaly

25.5327, 23.3391, 10.1804

Tritanomaly

29.6051, 23.1031, 15.4693

Monochromacy



Original Color

28.6913, 23.2292, 10.3686

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.4511, 22.6318, 18.7551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6913, 23.2292, 10.3686 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, 112, 79)` looks like.

```
.text, #text, p{  
    color:rgb(191, 112, 79)  
}
```

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, 112, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 112, 79) }
```

Border

The CSS property to change the border of an element to XYZ 28.6913, 23.2292, 10.3686 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, 112, 79) }
```


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

```
.border{ border-color:rgb(191, 112, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 112, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 112, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 112, 79);  
box-shadow:4px 4px 4px 4px rgb(191, 112,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6913, 23.2292, 10.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 112, 79) }
```

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

```
.background{ background-color: rgb(191,  
112, 79) }
```

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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