

Converting Colors

XYZ(28.5464, 23.7910, 8.3304)

Have a look what the booklet for
XYZ(28.5464, 23.7910, 8.3304)
contains.

XYZ(28.4937, 23.8432, 8.4106)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.4937, 23.8432,
8.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7443
RGB	190, 116, 67
RGB Percent	75%, 45%, 26%
CMY	0.2549, 0.5451, 0.7372
CMYK	0.00, 0.39, 0.65, 0.25
HSL	24°, 49%, 50%
HSV	24°, 65%, 75%
XYZ	28.4937, 23.8432, 8.4106
YIQ	132.5400, 59.8330, 0.4490

Conversions

Conversions Part 2

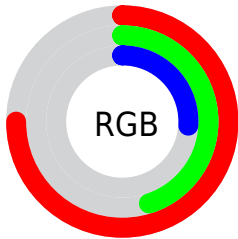
Format	Color
R_{YB}	190, 148, 67
Decimal	12481603
CIE _{Lab}	55.93, 24.59, 38.84
CIE _{LCh}	56, 45.972, 57.661
Yxy	23.8432, 0.4691, 0.3925
Android (android.graphics.Color)	4290671683 (0xFFBE7443)
YUV	132.5400, -32.3112, 50.3924
Hunter-Lab	48.8295, 18.7093, 23.9683

Details

The XYZ color **28.4937, 23.8432, 8.4106** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.1332, 23.9593, 52.2256**, and the grayscale version is **22.2262, 23.3836, 25.4648**.

A 20% lighter version of the original color is **56.8232, 49.9843, 23.4826**, and **11.6491, 8.9703, 1.7793** is the 20% darker color. If you saturate the color by 10%, you get **26.7770, 21.1774, 5.4728**, and if you desaturate by 10%, it is **30.5606, 26.9105, 12.3879**.

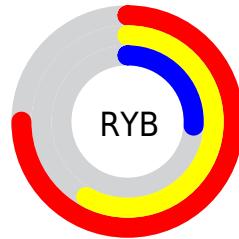
Distribution



Red (75%)

Green (45%)

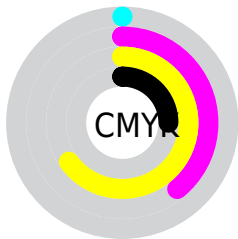
Blue (26%)



Red (75%)

Yellow (58%)

Blue (26%)

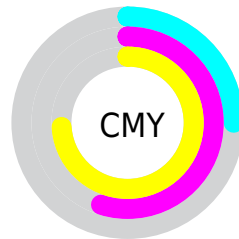


Cyan (0%)

Magenta (39%)

Yellow (65%)

Black (25%)



Cyan (25%)


Magenta (55%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4937, 23.8432, 8.4106 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 28.4937, 23.8432, 8.4106 by changing the saturation by 10% instead.


 28.4937, 23.8432,
8.4106


 28.4937, 23.8432,
8.4106


286.8560,
272.0268, 188.9712

 18.8405, 15.2173,
4.2673


 56.6748, 49.7742,
23.3189

 11.6584, 8.9721,
1.7731


 75.9335, 67.8481,
34.9209


 6.5821, 4.7230,
0.4101


 99.1247, 89.8402,
49.8462

 3.2461, 2.0857,
0.0000

 126.6138,
116.1349, 68.5133

 1.2852, 0.6565,
0.0000

 158.7661,
147.1165, 91.3409

 0.1721, 0.0000,
0.0000

195.9470,

 0.0000, 0.0000,

183.1694, 118.7473

0.0000

238.5219,
224.6780, 151.1513

■ 28.4937, 23.8432,
8.4106

■ 28.4937, 23.8432,
8.4106

■ 26.7770, 21.1774,
5.4728

■ 30.5606, 26.9105,
12.3879

■ 25.3840, 18.8901,
3.4708

■ 32.9981, 30.3934,
17.4923

■ 24.2857, 16.9607,
2.2810

■ 35.8268, 34.3096,
23.8033

■ 23.7988, 16.0745,
1.8484

■ 39.0652, 38.6745,
31.3930

■ 42.7303, 43.5028,
40.3277

■ 46.8382, 48.8083,
50.6690

■ 51.4041, 54.6044,
62.4746

■ 56.4425, 60.9038,
75.7993

■ 61.9671, 67.7187,
90.6946

Harmonies

Analogous

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



32.8148, 23.8432, 14.7325



28.4937, 23.8432, 8.4106



23.0761, 23.8432, 6.4798

Triad

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



28.4937, 23.8432, 8.4106



14.0084, 23.8432, 24.8008



27.6717, 23.8432, 60.8463

Complementary

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



28.4937, 23.8432, 8.4106



21.1332, 23.9593, 52.2256

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.



22.2533, 23.8432, 66.8108



28.4937, 23.8432, 8.4106



14.8549, 23.8432, 41.8029

Square

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



28.4937, 23.8432, 8.4106



15.1675, 23.8432, 13.3775



17.6862, 23.8432, 58.7911



32.2910, 23.8432, 44.6694

Rectangle

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



28.4937, 23.8432, 8.4106



19.7394, 23.8432, 7.0243



17.6862, 23.8432, 58.7911



25.8603, 23.8432, 64.3319

Sweetspot

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



28.4943, 23.8444, 8.4110



74.2998, 74.7281, 65.3684



28.1889, 16.9402, 27.7112



15.8981, 15.8585, 13.3405



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.



28.4943, 23.8444, 8.4110



47.3116, 36.4172, 8.0772



37.7049, 42.2658, 11.4813



9.8337, 10.1434, 10.0162



15.8972, 10.8331, 1.2531



0.6869, 0.5527, 0.0705

Inverse Universe

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



21.1332, 23.9593, 52.2256



32.8517, 36.4636, 93.5858



14.5776, 10.8482, 50.0404



9.4809, 10.1542, 12.1325



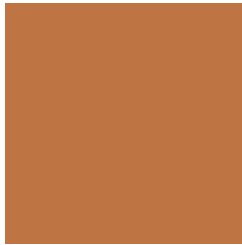
10.2823, 10.6764, 33.9117



0.4651, 0.5428, 1.3491

Previews

White Background



This preview shows how the XYZ color 28.4937, 23.8432, 8.4106 looks on a white background.

Color Contrast Check

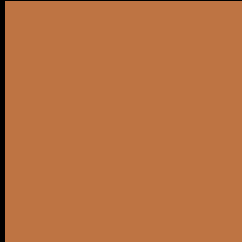
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4937, 23.8432, 8.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

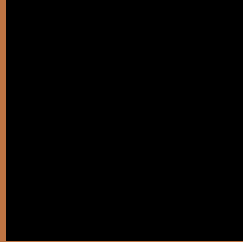
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4937, 23.8432, 8.4106

Background



This preview shows how black text looks on a background with the XYZ color 28.4937, 23.8432, 8.4106.



This preview shows how white text looks on a background with the XYZ color 28.4937, 23.8432,

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

28.4937, 23.8432, 8.4106

Protanopia

22.0793, 24.1049, 9.7923

Deuteranopia

24.3705, 23.9155, 8.1822



Tritanopia

30.8383, 23.7973, 20.1075

Trichromacy



Original Color

28.4937, 23.8432, 8.4106

Protanomaly

23.9608, 23.6798, 9.2690

Deuteranomaly

25.8410, 23.9109, 8.2543

Tritanomaly

29.7845, 23.6957, 14.8083

Monochromacy



Original Color

28.4937, 23.8432, 8.4106

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.6761, 23.1529, 17.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4937, 23.8432, 8.4106 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(190, 116, 67)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 67)  
}
```

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(190, 116, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 67) }
```

Border

The CSS property to change the border of an element to XYZ 28.4937, 23.8432, 8.4106 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(190, 116, 67) }
```


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

```
.border{ border-color:rgb(190, 116, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 67);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4937, 23.8432, 8.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 67) }
```

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

```
.background{ background-color: rgb(190,  
116, 67) }
```

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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