

Converting Colors

XYZ(26.7450, 23.0504, 11.2232)

Have a look what the booklet for
XYZ(26.7450, 23.0504, 11.2232)
contains.

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Color

**XYZ(26.7450, 23.0504,
11.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	B47553
RGB	180, 117, 83
RGB Percent	71%, 46%, 33%
CMY	0.2941, 0.5412, 0.6745
CMYK	0.00, 0.35, 0.54, 0.29
HSL	21°, 39%, 52%
HSV	21°, 54%, 71%
XYZ	26.7450, 23.0504, 11.2232
YIQ	131.9610, 48.4620, 2.7820

Conversions

Conversions Part 2

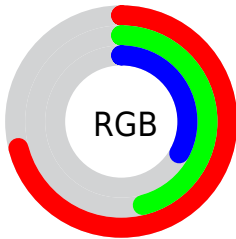
Format	Color
R_{YB}	180, 135, 83
Decimal	11826515
CIE Lab	55.12, 21.08, 28.85
CIE LCh	55, 35.732, 53.854
Yxy	23.0504, 0.4383, 0.3778
Android (android.graphics.Color)	4290016595 (0xFFB47553)
YUV	131.9610, -24.1378, 42.1302
Hunter-Lab	48.0108, 15.4166, 19.7477

Details

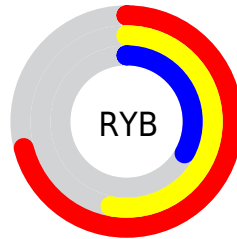
The XYZ color **26.7450, 23.0504, 11.2232** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **22.0838, 25.6909, 46.9747**, and the grayscale version is **21.9906, 23.1359, 25.1950**.

A 20% lighter version of the original color is **53.6815, 48.2465, 28.6735**, and **10.7132, 8.5529, 2.8365** is the 20% darker color. If you saturate the color by 10%, you get **24.8602, 20.2524, 7.6001**, and if you desaturate by 10%, it is **28.9815, 26.2631, 15.8541**.

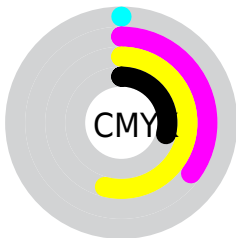
Distribution



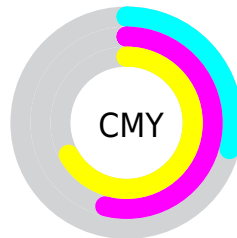
- Red (71%)
- Green (46%)
- Blue (33%)



- Red (71%)
- Yellow (53%)
- Blue (33%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7450, 23.0504, 11.2232 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 26.7450, 23.0504, 11.2232 by changing the saturation by 10% instead.


 26.7450, 23.0504,
11.2232


 26.7450, 23.0504,
11.2232


278.6104,
267.9838, 209.9846


 17.5174, 14.6307,
6.1011


 53.8972, 48.4761,
28.7151

 10.7016, 8.5606,
2.8369


 72.5525, 66.2509,
41.9220


 5.9324, 4.4557,
1.0120


 95.0810, 87.9128,
58.6609

 2.8443, 1.9316,
0.0000

 121.8482,
113.8463, 79.3504

 1.0720, 0.5673,
0.0000

 153.2194,
144.4358, 104.4089

 0.0015, 0.0000,
0.0000

189.5600,

 0.0000, 0.0000,

180.0656, 134.2551

0.0000

231.2352,
221.1201, 169.3075

■ 26.7450, 23.0504,
11.2232

■ 26.7450, 23.0504,
11.2232

■ 24.8602, 20.2524,
7.6001

■ 28.9815, 26.2631,
15.8541

■ 23.3049, 17.8474,
4.9061

■ 31.5866, 29.9040,
21.5604

■ 22.0565, 15.8168,
3.0529

■ 34.5781, 33.9902,
28.4057

■ 21.0883, 14.1385,
1.9342

■ 37.9722, 38.5366,
36.4478

■ 20.6054, 13.2694,
1.4752

■ 41.7838, 43.5576,
45.7410

■ 46.0274, 49.0669,
56.3358

■ 50.7164, 55.0774,
68.2803

■ 55.8638, 61.6019,
81.6198

■ 61.4821, 68.6523,
96.3978

Harmonies

Analogous

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



29.6883, 23.0504, 17.2299



26.7450, 23.0504, 11.2232



22.7391, 23.0504, 8.9939

Triad

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



26.7450, 23.0504, 11.2232



15.1407, 23.0504, 22.8217



25.1551, 23.0504, 50.9854

Complementary

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



26.7450, 23.0504, 11.2232



22.0838, 25.6909, 46.9747

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.



21.0988, 23.0504, 53.8410



26.7450, 23.0504, 11.2232



15.6228, 23.0504, 35.0571

Square

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



26.7450, 23.0504, 11.2232



16.2866, 23.0504, 14.2539



17.6937, 23.0504, 47.3100



28.6953, 23.0504, 40.3902

Rectangle

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



26.7450, 23.0504, 11.2232



20.1251, 23.0504, 9.2548



17.6937, 23.0504, 47.3100



23.7947, 23.0504, 52.9935

Sweetspot

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



26.7456, 23.0516, 11.2236



67.3160, 67.8315, 62.4066



27.1079, 17.9669, 29.2538



14.2756, 14.2951, 12.8364



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.7456, 23.0516, 11.2236



44.3995, 35.6916, 12.5537



33.9201, 37.4007, 13.6152



8.7320, 8.9764, 8.9249



14.4391, 9.3768, 1.0489



0.5104, 0.4071, 0.0517

Inverse Universe

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



22.0838, 25.6909, 46.9747



34.9799, 40.8799, 84.3416



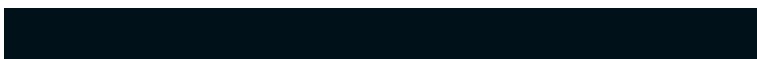
16.1314, 13.7859, 44.9905



8.4869, 9.1201, 10.8194



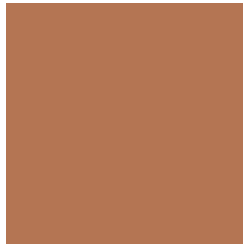
10.2462, 11.2928, 31.7767



0.3746, 0.4598, 1.0172

Previews

White Background



This preview shows how the XYZ color 26.7450, 23.0504, 11.2232 looks on a white background.

Color Contrast Check

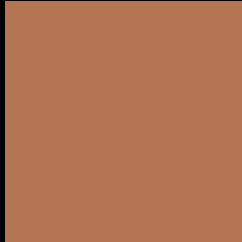
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7450, 23.0504, 11.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

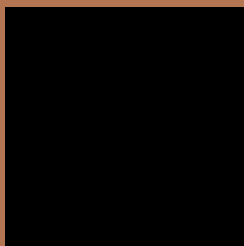
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7450, 23.0504, 11.2232

Background



This preview shows how black text looks on a background with the XYZ color 26.7450, 23.0504, 11.2232.



This preview shows how white text looks on a background with the XYZ color 26.7450, 23.0504,

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

26.7450, 23.0504, 11.2232

Protanopia

21.3821, 23.0634, 12.7759

Deuteranopia

23.4433, 22.9894, 10.9864



Tritanopia

28.7738, 23.0361, 21.0190

Trichromacy



Original Color

26.7450, 23.0504, 11.2232

Protanomaly

23.0200, 22.9348, 12.2304

Deuteranomaly

24.5423, 22.9906, 11.1268

Tritanomaly

27.9626, 23.0412, 16.8835

Monochromacy



Original Color

26.7450, 23.0504, 11.2232

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0211, 22.7832, 19.1038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7450, 23.0504, 11.2232 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(180, 117, 83)` looks like.

```
.text, #text, p{  
    color:rgb(180, 117, 83)  
}
```

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(180, 117, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 117, 83) }
```

Border

The CSS property to change the border of an element to XYZ 26.7450, 23.0504, 11.2232 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(180, 117, 83) }
```


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

```
.border{ border-color:rgb(180, 117, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 117, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 117, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 117, 83);  
box-shadow:4px 4px 4px 4px rgb(180, 117,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7450, 23.0504, 11.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 117, 83) }
```

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

```
.background{ background-color: rgb(180,  
117, 83) }
```

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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