

Converting Colors

XYZ(26.3725, 23.4937, 2.8711)

Have a look what the booklet for
XYZ(26.3725, 23.4937, 2.8711)
contains.

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Color

**XYZ(26.4836, 23.6233,
3.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	B87800
RGB	184, 120, 0
RGB Percent	72%, 47%, 0%
CMY	0.2784, 0.5294, 1.0000
CMYK	0.00, 0.35, 1.00, 0.28
HSL	39°, 100%, 36%
HSV	39°, 100%, 72%
XYZ	26.4836, 23.6233, 3.1639
YIQ	125.4560, 76.6640, -23.7520

Conversions

Conversions Part 2

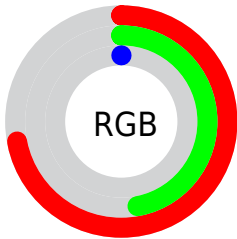
Format	Color
R _Y B	98, 184, 0
Decimal	12089344
CIE Lab	55.71, 17.49, 62.15
CIE LCh	56, 64.562, 74.286
Yxy	23.6233, 0.4972, 0.4435
Android (android.graphics.Color)	4290279424 (0xFFB87800)
YUV	125.4560, -61.8498, 51.3431
Hunter-Lab	48.6038, 12.2057, 30.1631

Details

The XYZ color **26.4836, 23.6233, 3.1639** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.4852, 7.1276, 46.1700**, and the grayscale version is **19.8322, 20.8650, 22.7220**.

A 20% lighter version of the original color is **53.4218, 49.3228, 12.0148**, and **10.7107, 8.8665, 1.1469** is the 20% darker color. If you saturate the color by 10%, you get **26.4838, 23.6239, 3.1640**, and if you desaturate by 10%, it is **27.3923, 25.2608, 4.0220**.

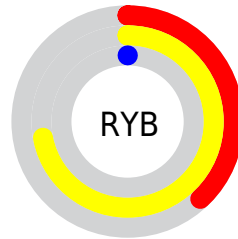
Distribution



Red (72%)

Green (47%)

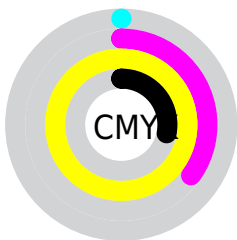
Blue (0%)



Red (38%)

Yellow (72%)

Blue (0%)

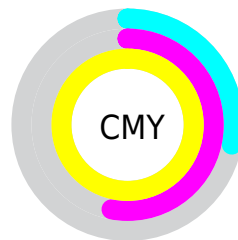


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4836, 23.6233, 3.1639 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 26.4836, 23.6233, 3.1639 by changing the saturation by 10% instead.

■ 26.4836, 23.6233,
3.1639

■ 26.4836, 23.6233,
3.1639

277.3614,
270.9104, 138.4215

■ 17.3203, 15.0544,
1.1789

■ 53.4798, 49.4148,
12.0303

■ 10.5599, 8.8576,
0.0000

■ 72.0436, 67.4062,
19.7487

■ 5.8368, 4.6484,
0.0000

■ 94.4715, 89.3072,
30.2154

■ 2.7858, 2.0425,
0.0000

■ 121.1289,
115.5022, 43.8489


■ 1.0415, 0.6320,
0.0000


■ 152.3813,
146.3757, 61.0677


■ 0.0000, 0.0000,
0.0000


■ 188.5939,


182.3119, 82.2904

 230.1322,
223.6954, 107.9355


 26.4836, 23.6233,
3.1639


 26.4836, 23.6233,
3.1639


 26.4838, 23.6239,
3.1640

 27.3923, 25.2608,
4.0220

 28.4587, 27.0442,
5.4546

 29.7238, 28.9925,
7.6700

 31.2077, 31.1152,
10.7704

 32.9278, 33.4207,
14.8422

■ 34.8994, 35.9164,
19.9614

■ 37.1362, 38.6093,
26.1967

■ 39.6508, 41.5057,
33.6105

■ 42.4552, 44.6117,
42.2608

Harmonies

Analogous

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



34.1066, 23.6233, 6.5980



26.4836, 23.6233, 3.1639



19.1573, 23.6233, 3.1000

Triad

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



26.4836, 23.6233, 3.1639



11.3921, 23.6233, 37.0010



33.7798, 23.6233, 66.6946

Complementary

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



26.4836, 23.6233, 3.1639



10.4852, 7.1276, 46.1700

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.



26.1071, 23.6233, 87.8647



26.4836, 23.6233, 3.1639



13.8121, 23.6233, 65.3626

Square

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



26.4836, 23.6233, 3.1639



11.4500, 23.6233, 16.2789



18.8540, 23.6233, 87.2761



38.9031, 23.6233, 38.2517

Rectangle

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



26.4836, 23.6233, 3.1639



15.4234, 23.6233, 4.7271



18.8540, 23.6233, 87.2761



31.3482, 23.6233, 75.4457

Sweetspot

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



26.4841, 23.6245, 3.1643



67.1031, 69.7349, 46.8668



20.7040, 10.5652, 5.8591



14.0897, 14.5853, 9.0391



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.



26.4841, 23.6245, 3.1643



47.7774, 42.3609, 5.6583



30.9283, 41.3886, 6.3589



9.4801, 9.9632, 9.5303



18.3207, 16.4178, 2.2033



0.7014, 0.6898, 0.0962

Inverse Universe

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



10.4852, 7.1276, 46.1700



18.8052, 12.5166, 83.6294



9.1199, 3.7022, 45.5808



8.7697, 9.2167, 11.3962



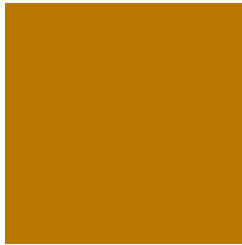
7.2866, 5.0329, 31.8405



0.3161, 0.2959, 1.1422

Previews

White Background



This preview shows how the XYZ color 26.4836, 23.6233, 3.1639 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 26.4836, 23.6233, 3.1639 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 26.4836, 23.6233, 3.1639

Background



This preview shows how black text looks on a background with the XYZ color 26.4836, 23.6233, 3.1639.



This preview shows how white text looks on a background with the XYZ color 26.4836, 23.6233,

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

26.4836, 23.6233, 3.1639

Protanopia

21.3602, 23.6586, 3.8215

Deuteranopia

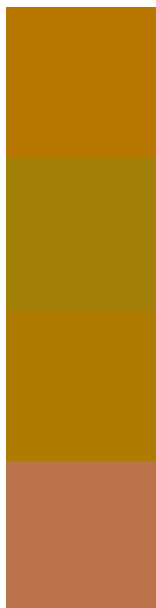
23.9516, 23.6138, 3.2955



Tritanopia

30.1706, 23.7632, 20.7659

Trichromacy



Original Color

26.4836, 23.6233, 3.1639

Protanomaly

22.9983, 23.5046, 3.5544

Deuteranomaly

24.6632, 23.4140, 3.2195

Tritanomaly

27.9288, 23.3481, 9.8721

Monochromacy



Original Color

26.4836, 23.6233, 3.1639

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3850, 20.8561, 10.5406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4836, 23.6233, 3.1639 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(184, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 0)  
}
```

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(184, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.4836, 23.6233, 3.1639 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(184, 120, 0) }
```


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

```
.border{ border-color:rgb(184, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4836, 23.6233, 3.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 0) }
```

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

```
.background{ background-color: rgb(184,  
120, 0) }
```

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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