

Converting Colors

XYZ(26.9711, 23.9567, 7.6175)

Have a look what the booklet for
XYZ(26.9711, 23.9567, 7.6175)
contains.

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Color

**XYZ(26.9711, 23.9567,
7.6175)**

Conversions

Conversions Part 1

Format	Color
Hex	B6793D
RGB	182, 121, 61
RGB Percent	71%, 47%, 24%
CMY	0.2863, 0.5255, 0.7608
CMYK	0.00, 0.34, 0.66, 0.29
HSL	30°, 50%, 48%
HSV	30°, 66%, 71%
XYZ	26.9711, 23.9567, 7.6175
YIQ	132.3990, 55.6160, -5.7280

Conversions

Conversions Part 2

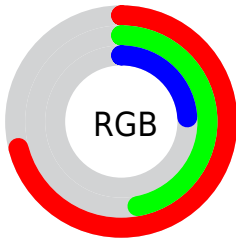
Format	Color
RYB	182, 180, 61
Decimal	11958589
CIELab	56.04, 18.03, 41.80
CIELCh	56, 45.527, 66.669
Yxy	23.9567, 0.4607, 0.4092
Android (android.graphics.Color)	4290148669 (0xFFB6793D)
YUV	132.3990, -35.1997, 43.5001
Hunter-Lab	48.9456, 12.7063, 25.0345

Details

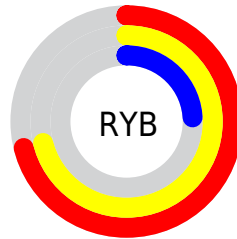
The XYZ color **26.9711, 23.9567, 7.6175** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.3272, 18.2879, 46.8725**, and the grayscale version is **22.1861, 23.3415, 25.4189**.

A 20% lighter version of the original color is **54.0884, 49.7356, 21.7881**, and **10.8352, 9.0189, 1.4863** is the 20% darker color. If you saturate the color by 10%, you get **25.4992, 21.6689, 5.1051**, and if you desaturate by 10%, it is **28.7165, 26.5255, 11.0422**.

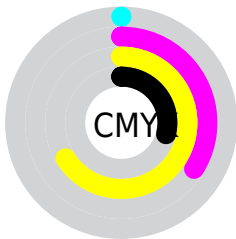
Distribution



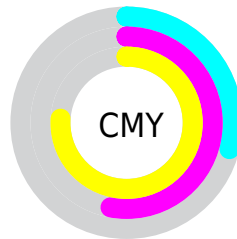
- Red (71%)
- Green (47%)
- Blue (24%)



- Red (71%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (66%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9711, 23.9567, 7.6175 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 26.9711, 23.9567, 7.6175 by changing the saturation by 10% instead.

 26.9711, 23.9567,
7.6175


 26.9711, 23.9567,
7.6175


279.6873,
272.6015, 182.5214


 17.6880, 15.3015,
3.7669


 54.2577, 49.9595,
21.7388

 10.8245, 9.0313,
1.4984


 72.9919, 68.0760,
32.8465

 6.0154, 4.7616,
0.2167


 95.6072, 90.1149,
47.2105

 2.8952, 2.1081,
0.0000

 122.4689,
116.4608, 65.2491

 1.0986, 0.6692,
0.0000

 153.9424,
147.4980, 87.3810

 0.0239, 0.0000,
0.0000

 190.3931,

 0.0000, 0.0000,

183.6109, 114.0246

0.0000

232.1862,
225.1840, 145.5986

■ 26.9711, 23.9567,
7.6175

■ 26.9711, 23.9567,
7.6175

■ 25.4992, 21.6689,
5.1051

■ 28.7165, 26.5255,
11.0422

■ 24.2786, 19.6457,
3.4097

■ 30.7518, 29.3836,
15.4586

■ 23.2831, 17.8725,
2.4064

■ 33.0936, 32.5428,
20.9390

■ 22.9689, 17.3002,
2.1287

■ 35.7569, 36.0134,
27.5486

■ 38.7553, 39.8048,
35.3471

■ 42.1018, 43.9262,
44.3900

■ 45.8083, 48.3863,
54.7295

■ 49.8865, 53.1932,
66.4146

■ 54.3472, 58.3551,
79.4918

Harmonies

Analogous

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



31.7846, 23.9567, 12.4318



26.9711, 23.9567, 7.6175



21.6267, 23.9567, 6.7094

Triad

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



26.9711, 23.9567, 7.6175



14.2012, 23.9567, 29.5596



29.2898, 23.9567, 56.5161

Complementary

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



26.9711, 23.9567, 7.6175



17.3272, 18.2879, 46.8725

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.



23.9531, 23.9567, 66.2013



26.9711, 23.9567, 7.6175



15.6449, 23.9567, 47.2360

Square

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



26.9711, 23.9567, 7.6175



14.7566, 23.9567, 16.2948



19.0297, 23.9567, 62.2791



33.2596, 23.9567, 39.1724

Rectangle

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



26.9711, 23.9567, 7.6175



18.5644, 23.9567, 7.9326



19.0297, 23.9567, 62.2791



27.5674, 23.9567, 61.0260

Sweetspot

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



26.9717, 23.9579, 7.6180



68.0936, 69.4454, 58.3703



24.5678, 14.7258, 20.4567



14.7043, 14.9138, 12.0206



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.



26.9717, 23.9579, 7.6180



45.0975, 37.4402, 7.5848



36.4515, 42.9177, 10.7779



9.3625, 9.7280, 9.4911



16.2869, 12.3501, 1.5254



0.6361, 0.5592, 0.0744

Inverse Universe

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



17.3272, 18.2879, 46.8725



26.3329, 26.4031, 83.9441



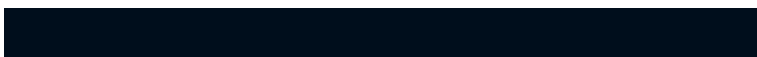
12.1466, 7.9266, 45.1456



8.8852, 9.4475, 11.4347



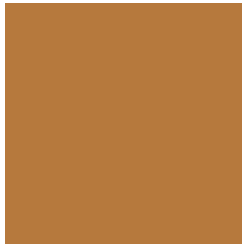
8.7165, 7.8927, 32.3171



0.3691, 0.4019, 1.1599

Previews

White Background



This preview shows how the XYZ color 26.9711, 23.9567, 7.6175 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 26.9711, 23.9567, 7.6175 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 26.9711, 23.9567, 7.6175

Background



This preview shows how black text looks on a background with the XYZ color 26.9711, 23.9567, 7.6175.



This preview shows how white text looks on a background with the XYZ color 26.9711, 23.9567,

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

26.9711, 23.9567, 7.6175

Protanopia

22.0125, 24.0992, 8.4924

Deuteranopia

24.4449, 23.9696, 7.4759



Tritanopia

29.8422, 23.9038, 21.7799

Trichromacy



Original Color

26.9711, 23.9567, 7.6175

Protanomaly

23.6060, 23.9125, 8.2219

Deuteranomaly

25.1625, 23.7641, 7.5357

Tritanomaly

28.6691, 23.9570, 15.1697

Monochromacy



Original Color

26.9711, 23.9567, 7.6175

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8984, 22.9630, 16.8611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9711, 23.9567, 7.6175 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(182, 121, 61)` looks like.

```
.text, #text, p{  
    color:rgb(182, 121, 61)  
}
```

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(182, 121, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 121, 61) }
```

Border

The CSS property to change the border of an element to XYZ 26.9711, 23.9567, 7.6175 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(182, 121, 61) }
```


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

```
.border{ border-color:rgb(182, 121, 61) }
```

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

Here you see how a box with a 4 pixel rgb(182, 121, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 121, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 121, 61);  
box-shadow:4px 4px 4px 4px rgb(182, 121,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9711, 23.9567, 7.6175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 121, 61) }
```

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

```
.background{ background-color: rgb(182,  
121, 61) }
```

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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