

Converting Colors

XYZ(26.4047, 23.2028, 23.5994)

Have a look what the booklet for
XYZ(26.4047, 23.2028, 23.5994)
contains.

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Color

**XYZ(26.3386, 23.0984,
23.4923)**

Conversions

Conversions Part 1

Format	Color
Hex	A67880
RGB	166, 120, 128
RGB Percent	65%, 47%, 50%
CMY	0.3490, 0.5294, 0.4980
CMYK	0.00, 0.28, 0.23, 0.35
HSL	350°, 21%, 56%
HSV	350°, 28%, 65%
XYZ	26.3386, 23.0984, 23.4923
YIQ	134.6660, 24.8480, 12.2400

Conversions

Conversions Part 2

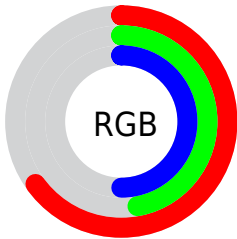
Format	Color
R_{YB}	166, 120, 128
Decimal	10909824
CIE _{Lab}	55.17, 19.20, 2.76
CIE _{LCh}	55, 19.392, 8.176
Yxy	23.0984, 0.3612, 0.3167
Android (android.graphics.Color)	4289099904 (0xFFA67880)
YUV	134.6660, -3.2863, 27.4799
Hunter-Lab	48.0608, 13.7164, 4.6614

Details

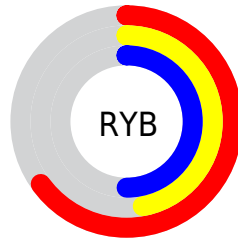
The XYZ color **26.3386, 23.0984, 23.4923** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5544, 33.7346, 37.4085**, and the grayscale version is **22.9113, 24.1044, 26.2497**.

A 20% lighter version of the original color is **53.4083, 48.7529, 50.3114**, and **10.4746, 8.5817, 8.5015** is the 20% darker color. If you saturate the color by 10%, you get **23.6701, 19.1095, 18.4463**, and if you desaturate by 10%, it is **29.4765, 27.8304, 29.2973**.

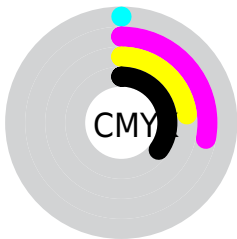
Distribution



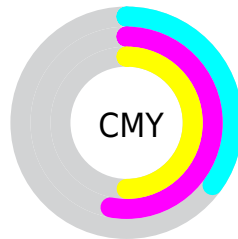
- Red (65%)
- Green (47%)
- Blue (50%)



- Red (65%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (23%)
- Black (35%)



- Cyan (35%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3386, 23.0984, 23.4923 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 26.3386, 23.0984, 23.4923 by changing the saturation by 10% instead.

 26.3386, 23.0984,
23.4923


 26.3386, 23.0984,
23.4923


276.6666,
268.2300, 283.4470

 17.2111, 14.6662,
14.7487


 53.2481, 48.5548,
50.1338

 10.4814, 8.5854,
8.4986


 71.7609, 66.3479,
68.8689

 5.7840, 4.4718,
4.3233


 94.1327, 88.0299,
91.7715

 2.7536, 1.9408,
1.8043

120.7291,
113.9855, 119.2602

 1.0248, 0.5727,
0.4308

151.9153,
144.5988, 151.7536

 0.0000, 0.0000,
0.0000

188.0567,

180.2545, 189.6701

229.5187,
221.3367, 233.4284

■ 26.3386, 23.0984,
23.4923

■ 26.3386, 23.0984,
23.4923

■ 23.6701, 19.1095,
18.4463

■ 29.4765, 27.8304,
29.2973

■ 21.4464, 15.8229,
14.1263

■ 33.1031, 33.3374,
35.8895

■ 19.6434, 13.1987,
10.4989


■ 37.2388, 39.6530,
43.2976


■ 18.2342, 11.1916,
7.5277


■ 41.9025, 46.8083,
51.5481


■ 17.1883, 9.7507,
5.1726


■ 47.1118, 54.8324,
60.6665


 16.4709, 8.8167,
3.3893

 52.8838, 63.7533,
70.6773

 16.0280, 8.2939,
2.1228

 59.2346, 73.5974,
81.6039

 15.9460, 8.1950,
1.8947

 66.1799, 84.3902,
93.4688

 68.9659, 86.6190,
104.7042

Harmonies

Analogous

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



26.0506, 23.0984, 29.8483



26.3386, 23.0984, 23.4923



25.3925, 23.0984, 18.4769

Triad

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



26.3386, 23.0984, 23.4923



19.4803, 23.0984, 16.8932



20.4427, 23.0984, 37.9225

Complementary

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



26.3386, 23.0984, 23.4923



27.5544, 33.7346, 37.4085

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.



18.8414, 23.0984, 33.2633



26.3386, 23.0984, 23.4923



18.3117, 23.0984, 20.9729

Square

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



26.3386, 23.0984, 23.4923



21.3675, 23.0984, 15.0978



18.0858, 23.0984, 26.8844



22.5518, 23.0984, 38.8950

Rectangle

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



26.3386, 23.0984, 23.4923



24.2237, 23.0984, 16.3186



18.0858, 23.0984, 26.8844



19.8313, 23.0984, 36.7026

Sweetspot

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



26.3392, 23.0995, 23.4928



59.7699, 60.0336, 64.5785



27.6156, 23.4124, 39.1401



13.1480, 13.0883, 14.0405



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.3392, 23.0995, 23.4928



44.8426, 37.4892, 37.0663



27.7204, 26.6712, 21.4576



7.5824, 7.5628, 8.1180



12.3779, 6.3599, 1.5358



0.3161, 0.1607, 0.1162

Inverse Universe

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



26.3392, 23.0995, 23.4928



44.8426, 37.4892, 37.0663



25.7660, 29.0200, 40.3199



7.5824, 7.5628, 8.1180



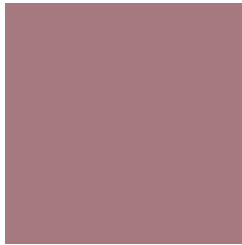
12.3779, 6.3599, 1.5358



0.3161, 0.1607, 0.1162

Previews

White Background



This preview shows how the XYZ color 26.3386, 23.0984, 23.4923 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 26.3386, 23.0984, 23.4923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

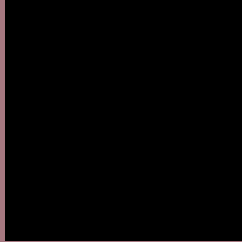
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3386, 23.0984, 23.4923

Background



This preview shows how black text looks on a background with the XYZ color 26.3386, 23.0984, 23.4923.



This preview shows how white text looks on a background with the XYZ color 26.3386, 23.0984,

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

26.3386, 23.0984, 23.4923

Protanopia

22.4560, 23.3201, 26.2393

Deuteranopia

23.5826, 23.1737, 23.3087



Tritanopia

26.4048, 23.1249, 23.8407

Trichromacy



Original Color

26.3386, 23.0984, 23.4923

Protanomaly

23.7381, 23.2153, 25.0597

Deuteranomaly

24.4908, 23.0696, 23.2407

Tritanomaly

26.4048, 23.1249, 23.8407

Monochromacy



Original Color

26.3386, 23.0984, 23.4923

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.0015, 23.7422, 25.1475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3386, 23.0984, 23.4923 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(166, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 120, 128)  
}
```

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(166, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 120, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.3386, 23.0984, 23.4923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

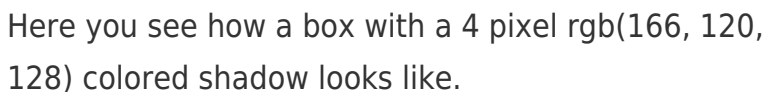
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 120, 128) }
```


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

```
.border{ border-color:rgb(166, 120, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 120, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 120, 128); box-shadow:4px 4px 4px 4px rgb(166, 120, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3386, 23.0984, 23.4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 120, 128) }
```

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

```
.background{ background-color: rgb(166,  
120, 128) }
```

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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