

Converting Colors

XYZ(26.0226, 23.7320, 19.7398)

Have a look what the booklet for
XYZ(26.0226, 23.7320, 19.7398)
contains.

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Color

**XYZ(26.0859, 23.7832,
19.7387)**

Conversions

Conversions Part 1

Format	Color
Hex	A67C74
RGB	166, 124, 116
RGB Percent	65%, 49%, 45%
CMY	0.3490, 0.5137, 0.5451
CMYK	0.00, 0.25, 0.30, 0.35
HSL	10°, 22%, 55%
HSV	10°, 30%, 65%
XYZ	26.0859, 23.7832, 19.7387
YIQ	135.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

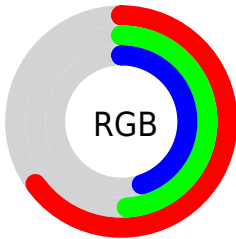
Format	Color
R_{YB}	166, 126, 116
Decimal	10910836
CIE Lab	55.87, 15.15, 10.72
CIE LCh	56, 18.558, 35.292
Yxy	23.7832, 0.3748, 0.3417
Android (android.graphics.Color)	4289100916 (0xFFA67C74)
YUV	135.6460, -9.6855, 26.6205
Hunter-Lab	48.7680, 10.1352, 10.1402

Details

The XYZ color **26.0859, 23.7832, 19.7387** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3119, 30.9189, 40.6577**, and the grayscale version is **23.2977, 24.5110, 26.6925**.

A 20% lighter version of the original color is **52.9142, 49.8010, 43.8695**, and **10.3695, 8.9602, 6.6518** is the 20% darker color. If you saturate the color by 10%, you get **23.5798, 20.1806, 14.5576**, and if you desaturate by 10%, it is **29.0129, 27.9512, 25.9120**.

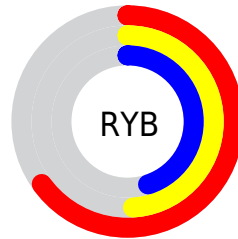
Distribution



Red (65%)

Green (49%)

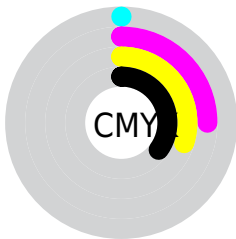
Blue (45%)



Red (65%)

Yellow (49%)

Blue (45%)

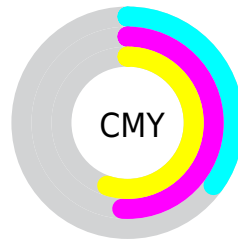


Cyan (0%)

Magenta (25%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0859, 23.7832, 19.7387 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 26.0859, 23.7832, 19.7387 by changing the saturation by 10% instead.

■ 26.0859, 23.7832,
19.7387

■ 26.0859, 23.7832,
19.7387

275.4525,
271.7226, 263.0543

■ 17.0209, 15.1729,
12.0231

■ 52.8438, 49.6762,
43.8319

■ 10.3448, 8.9408,
6.6367

■ 71.2675, 67.7276,
61.0465

■ 5.6922, 4.7026,
3.1609

■ 93.5414, 89.6949,
82.2644

■ 2.6977, 2.0738,
1.1774

120.0309,
115.9624, 107.9044

■ 0.9960, 0.6499,
0.0000

151.1014,
146.9145, 138.3848

■ 0.0000, 0.0000,
0.0000

187.1183,

182.9357, 174.1242

228.4469,
224.4102, 215.5412

■ 26.0859, 23.7832,
19.7387

■ 26.0859, 23.7832,
19.7387

■ 23.5798, 20.1806,
14.5576

■ 29.0129, 27.9512,
25.9120

■ 21.4733, 17.1158,
10.3153

■ 32.3772, 32.7041,
33.1240

■ 19.7458, 14.5638,
6.9557

■ 36.1965, 38.0646,
41.4202

■ 18.3743, 12.4963,
4.4162

■ 40.4870, 44.0531,
50.8427

■ 17.3331, 10.8822,
2.6258

■ 45.2641, 50.6890,
61.4317

■ 16.5930, 9.6867,
1.5012

■ 50.5425, 57.9912,
73.2252

■ 16.1081, 8.8714,
0.8634

■ 56.3363, 65.9773,
86.2594

■ 62.6591, 74.6648,
100.5692

■ 67.8034, 83.3819,
107.1284

Harmonies

Analogous

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



26.8965, 23.7832, 24.8374



26.0859, 23.7832, 19.7387



24.3462, 23.7832, 16.6990

Triad

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



26.0859, 23.7832, 19.7387



19.1118, 23.7832, 21.3307



22.9820, 23.7832, 39.2946

Complementary

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



26.0859, 23.7832, 19.7387



26.3119, 30.9189, 40.6577

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.



20.9493, 23.7832, 37.9688



26.0859, 23.7832, 19.7387



18.7965, 23.7832, 26.9839

Square

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



26.0859, 23.7832, 19.7387



20.3384, 23.7832, 17.5129



19.4488, 23.7832, 33.2163



25.0345, 23.7832, 36.6005

Rectangle

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



26.0859, 23.7832, 19.7387



22.9403, 23.7832, 15.9449



19.4488, 23.7832, 33.2163



22.2734, 23.7832, 39.3083

Sweetspot

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



26.0865, 23.7843, 19.7392



59.3858, 60.2336, 61.4654



28.1861, 23.0839, 35.5441



13.0833, 13.1890, 13.3098



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.



26.0865, 23.7843, 19.7392



44.2812, 38.7702, 29.4685



29.5469, 30.7051, 20.8927



7.6245, 7.7291, 7.8793



12.5146, 6.9265, 0.6774



0.3321, 0.2238, 0.0257

Inverse Universe

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



26.3119, 30.9189, 40.6577



44.7474, 53.7711, 73.4957



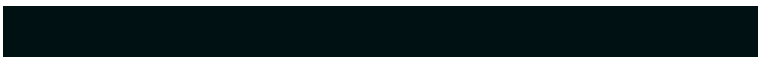
22.5418, 23.3787, 39.4010



7.6438, 8.3245, 9.6223



12.5734, 16.6070, 30.5183



0.3324, 0.4570, 0.7513

Previews

White Background



This preview shows how the XYZ color 26.0859, 23.7832, 19.7387 looks on a white background.

Color Contrast Check

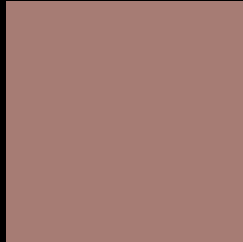
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0859, 23.7832, 19.7387 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 26.0859, 23.7832, 19.7387

Background



This preview shows how black text looks on a background with the XYZ color 26.0859, 23.7832, 19.7387.



This preview shows how white text looks on a background with the XYZ color 26.0859, 23.7832,

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

26.0859, 23.7832, 19.7387

Protanopia

22.7915, 24.0061, 21.5216

Deuteranopia

24.2712, 23.8083, 19.5359



Tritanopia

27.2047, 23.8826, 24.6487

Trichromacy



Original Color

26.0859, 23.7832, 19.7387

Protanomaly

23.7068, 23.6867, 20.7753

Deuteranomaly

24.7844, 23.6856, 19.4852

Tritanomaly

26.7852, 23.8878, 22.9377

Monochromacy



Original Color

26.0859, 23.7832, 19.7387

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2463, 24.2906, 24.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0859, 23.7832, 19.7387 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, 124, 116)` looks like.

```
.text, #text, p{  
    color:rgb(166, 124, 116)  
}
```

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, 124, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 124, 116) }
```

Border

The CSS property to change the border of an element to XYZ 26.0859, 23.7832, 19.7387 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, 124, 116) }
```


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

```
.border{ border-color:rgb(166, 124, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 124, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 124, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 124, 116);  
box-shadow:4px 4px 4px 4px rgb(166, 124,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0859, 23.7832, 19.7387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 124, 116) }
```

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

```
.background{ background-color: rgb(166,  
124, 116) }
```

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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