

Converting Colors

XYZ(26.8468, 23.9163, 21.9077)

Have a look what the booklet for
XYZ(26.8468, 23.9163, 21.9077)
contains.

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Color

**XYZ(26.8066, 23.9208,
21.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	A87B7B
RGB	168, 123, 123
RGB Percent	66%, 48%, 48%
CMY	0.3412, 0.5176, 0.5176
CMYK	0.00, 0.27, 0.27, 0.34
HSL	0°, 21%, 57%
HSV	0°, 27%, 66%
XYZ	26.8066, 23.9208, 21.9432
YIQ	136.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

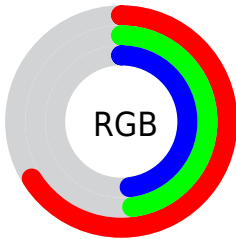
Format	Color
R _{YB}	168, 123, 123
Decimal	11041659
CIE _{Lab}	56.01, 17.52, 6.89
CIE _{LCh}	56, 18.824, 21.484
Yxy	23.9208, 0.3689, 0.3292
Android (android.graphics.Color)	4289231739 (0xFFA87B7B)
YUV	136.4550, -6.6333, 27.6650
Hunter-Lab	48.9089, 12.2440, 7.6355

Details

The XYZ color **26.8066, 23.9208, 21.9432** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.2386, 35.0425, 42.2689**, and the grayscale version is **23.5901, 24.8186, 27.0274**.

A 20% lighter version of the original color is **54.0037, 49.9931, 47.3608**, and **10.7550, 9.0368, 7.6560** is the 20% darker color. If you saturate the color by 10%, you get **23.9358, 19.7201, 16.2353**, and if you desaturate by 10%, it is **30.2168, 28.9111, 28.7219**.

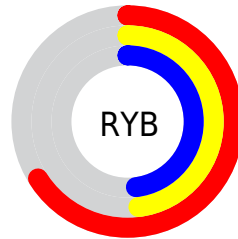
Distribution



Red (66%)

Green (48%)

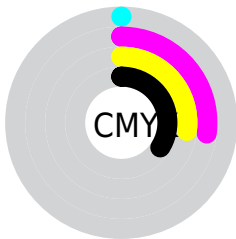
Blue (48%)



Red (66%)

Yellow (48%)

Blue (48%)

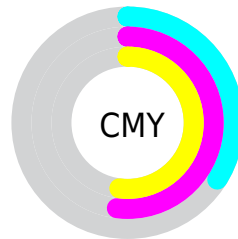


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (34%)



Cyan (34%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8066, 23.9208, 21.9432 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 26.8066, 23.9208, 21.9432 by changing the saturation by 10% instead.

■ 26.8066, 23.9208,
21.9432

■ 26.8066, 23.9208,
21.9432

278.9041,
272.4198, 275.1933

■ 17.5639, 15.2749,
13.6173

■ 53.9954, 49.9009,
47.5531

■ 10.7351, 9.0125,
7.7192

■ 72.6723, 68.0039,
65.6741

■ 5.9550, 4.7494,
3.8306

■ 95.2245, 90.0281,
87.8972

■ 2.8581, 2.1010,
1.5329

122.0175,
116.3578, 114.6410

■ 1.0792, 0.6652,
0.2423

153.4166,
147.3774, 146.3240

■ 0.0076, 0.0000,
0.0000

189.7872,

■ 0.0000, 0.0000,

183.4713, 183.3646

0.0000

231.4946,
225.0240, 226.1816

■ 26.8066, 23.9208,
21.9432

■ 26.8066, 23.9208,
21.9432

■ 23.9358, 19.7201,
16.2353

■ 30.2168, 28.9111,
28.7219

■ 21.5749, 16.2655,
11.5421

■ 34.1901, 34.7250,
36.6206

■ 19.6948, 13.5143,
7.8046

■ 38.7508, 41.3986,
45.6873

■ 18.2624, 11.4183,
4.9573

■ 43.9215, 48.9648,
55.9668

■ 17.2406, 9.9231,
2.9262

■ 49.7236, 57.4548,
67.5014

■ 16.5863, 8.9655,
1.6256

■ 56.1774, 66.8983,
80.3316

■ 16.2369, 8.4542,
0.9311

■ 63.3021, 77.3237,
94.4958

■ 16.1487, 8.3252,
0.7558

■ 69.9586, 87.0649,
107.7257

Harmonies

Analogous

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



27.0774, 23.9208, 27.8397



26.8066, 23.9208, 21.9432



25.4106, 23.9208, 17.8322

Triad

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



26.8066, 23.9208, 21.9432



19.6505, 23.9208, 19.3427



22.1289, 23.9208, 39.6070

Complementary

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



26.8066, 23.9208, 21.9432



29.2386, 35.0425, 42.2689

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.



20.2560, 23.9208, 36.4585



26.8066, 23.9208, 21.9432



18.8854, 23.9208, 24.3304

Square

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



26.8066, 23.9208, 21.9432



21.2544, 23.9208, 16.5038



19.0999, 23.9208, 30.6301



24.2849, 23.9208, 38.6982

Rectangle

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



26.8066, 23.9208, 21.9432



24.0751, 23.9208, 16.3495



19.0999, 23.9208, 30.6301



21.4475, 23.9208, 38.9722

Sweetspot

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



26.8072, 23.9219, 21.9437



60.9992, 61.4866, 64.3789



30.2996, 25.3182, 40.3360



13.0562, 13.0517, 13.5567



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.



26.8072, 23.9219, 21.9437



45.5064, 38.8163, 33.5795



29.9259, 30.1591, 22.9832



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



29.2386, 35.0425, 42.2689



50.6513, 62.3486, 76.5900



25.4385, 27.4424, 41.0022



7.7475, 8.5320, 9.6568



15.9099, 23.2801, 31.6305



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 26.8066, 23.9208, 21.9432 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 26.8066, 23.9208, 21.9432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

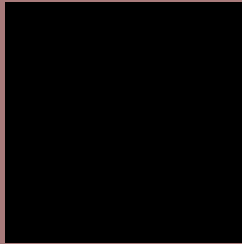
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8066, 23.9208, 21.9432

Background



This preview shows how black text looks on a background with the XYZ color 26.8066, 23.9208, 21.9432.



This preview shows how white text looks on a background with the XYZ color 26.8066, 23.9208,

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

26.8066, 23.9208, 21.9432

Protanopia

22.9688, 24.0384, 24.1982

Deuteranopia

24.4444, 24.0458, 21.7653



Tritanopia

27.4185, 23.9928, 24.6587

Trichromacy



Original Color

26.8066, 23.9208, 21.9432

Protanomaly

24.2078, 23.8871, 23.4135

Deuteranomaly

25.2028, 23.8530, 21.6881

Tritanomaly

27.2180, 23.9126, 23.6031

Monochromacy



Original Color

26.8066, 23.9208, 21.9432

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.4258, 24.1672, 24.8501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8066, 23.9208, 21.9432 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(168, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 123)  
}
```

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(168, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.8066, 23.9208, 21.9432 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(168, 123, 123) }
```


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

```
.border{ border-color:rgb(168, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(168, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8066, 23.9208, 21.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 123) }
```

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

```
.background{ background-color: rgb(168,  
123, 123) }
```

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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