

Converting Colors

XYZ(26.5070, 24.2893, 18.7014)

Have a look what the booklet for
XYZ(26.5070, 24.2893, 18.7014)
contains.

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Color

**XYZ(26.4067, 24.1619,
18.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	A87D70
RGB	168, 125, 112
RGB Percent	66%, 49%, 44%
CMY	0.3412, 0.5098, 0.5608
CMYK	0.00, 0.26, 0.33, 0.34
HSL	14°, 24%, 55%
HSV	14°, 33%, 66%
XYZ	26.4067, 24.1619, 18.6012
YIQ	136.3750, 29.8010, 5.0730

Conversions

Conversions Part 2

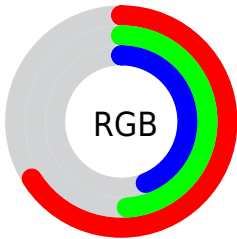
Format	Color
RYB	168, 129, 112
Decimal	11042160
CIELab	56.25, 14.84, 13.59
CIELCh	56, 20.124, 42.493
Yxy	24.1619, 0.3818, 0.3493
Android (android.graphics.Color)	4289232240 (0xFFA87D70)
YUV	136.3750, -12.0169, 27.7351
Hunter-Lab	49.1548, 9.8722, 11.9717




Details

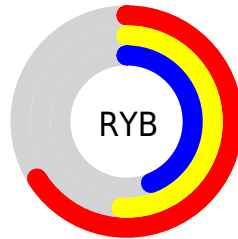
The XYZ color **26.4067, 24.1619, 18.6012** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.4710, 29.7137, 41.4387**, and the grayscale version is **23.5788, 24.8067, 27.0145**.




A 20% lighter version of the original color is **53.3617, 50.3684, 42.0316**, and **10.5801, 9.1839, 6.0655** is the 20% darker color. If you saturate the color by 10%, you get **24.0290, 20.7663, 13.6163**, and if you desaturate by 10%, it is **29.1723, 28.0538, 24.5770**.

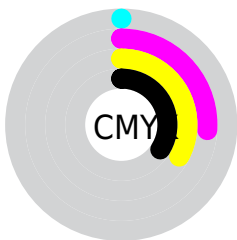
Distribution







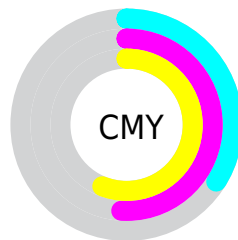
-  Red (66%)
-  Green (49%)
-  Blue (44%)






-  Red (66%)
-  Yellow (51%)
-  Blue (44%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (33%)
-  Black (34%)




-  Cyan (34%)
-  Magenta (51%)
-  Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4067, 24.1619, 18.6012 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 26.4067, 24.1619, 18.6012 by changing the saturation by 10% instead.


 26.4067, 24.1619,
18.6012


 26.4067, 24.1619,
18.6012


276.9931,
273.6380, 256.5872


 17.2624, 15.4538,
11.2086


 53.3570, 50.2943,
41.8868


 10.5182, 9.1385,
6.0914


 71.8937, 68.4873,
58.6169

 5.8088, 4.8316,
2.8310

 94.2919, 90.6107,
79.2965

 2.7687, 2.1488,
1.0090

 120.9170,
117.0490, 104.3443

 1.0327, 0.6919,
0.0000

152.1343,
148.1864, 134.1787

 0.0000, 0.0000,
0.0000

188.3092,

184.4075, 169.2183

229.8070,
226.0965, 209.8816

■ 26.4067, 24.1619,
18.6012

■ 26.4067, 24.1619,
18.6012

■ 24.0290, 20.7663,
13.6163

■ 29.1723, 28.0538,
24.5770

■ 22.0195, 17.8435,
9.5669

■ 32.3406, 32.4574,
31.5921

■ 20.3594, 15.3730,
6.3945


■ 35.9279, 37.3919,
39.6935


■ 19.0278, 13.3317,
4.0330

■ 39.9488, 42.8743,
48.9246


■ 18.0008, 11.6940,
2.4071


■ 44.4176, 48.9208,
59.3269


 17.2511, 10.4316,
1.4270

 49.3476, 55.5471,
70.9394

 16.8743, 9.7765,
0.9977

 54.7517, 62.7681,
83.7994

 60.6421, 70.5982,
97.9427

 65.6820, 78.5119,
106.3002

Harmonies

Analogous

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



27.5916, 24.1619, 23.6453



26.4067, 24.1619, 18.6012



24.3306, 24.1619, 15.9259

Triad

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



26.4067, 24.1619, 18.6012



18.9757, 24.1619, 22.6562



23.9418, 24.1619, 40.8228

Complementary

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



26.4067, 24.1619, 18.6012



25.4710, 29.7137, 41.4387

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.



21.6518, 24.1619, 40.4372



26.4067, 24.1619, 18.6012



18.8871, 24.1619, 29.1639

Square

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



26.4067, 24.1619, 18.6012



20.0872, 24.1619, 17.9823



19.8364, 24.1619, 35.8949



26.1056, 24.1619, 36.8738

Rectangle

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



26.4067, 24.1619, 18.6012



22.7720, 24.1619, 15.5155



19.8364, 24.1619, 35.8949



23.1594, 24.1619, 41.2125

Sweetspot

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



26.4073, 24.1630, 18.6017



60.6534, 61.6131, 61.7416



27.9323, 22.3092, 34.2274



13.0349, 13.1740, 13.0413



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.



26.4073, 24.1630, 18.6017



44.6599, 39.2010, 26.8921



30.3231, 31.9946, 19.9070



7.6673, 7.8146, 7.8935



12.7765, 7.4503, 0.7647



0.3481, 0.2558, 0.0310

Inverse Universe

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



25.4710, 29.7137, 41.4387



42.6835, 50.8172, 74.7841



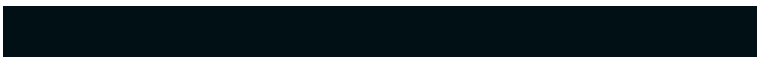
21.4520, 21.6758, 40.0991



7.5977, 8.2323, 9.6069



11.3049, 14.0699, 30.0954



0.3102, 0.4126, 0.7439

Previews

White Background



This preview shows how the XYZ color 26.4067, 24.1619, 18.6012 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 26.4067, 24.1619, 18.6012 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 26.4067, 24.1619, 18.6012

Background



This preview shows how black text looks on a background with the XYZ color 26.4067, 24.1619, 18.6012.



This preview shows how white text looks on a background with the XYZ color 26.4067, 24.1619,

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

26.4067, 24.1619, 18.6012

Protanopia

23.0302, 24.3631, 20.3183

Deuteranopia

24.7565, 24.2811, 18.4208



Tritanopia

27.7020, 24.1311, 25.0275

Trichromacy



Original Color

26.4067, 24.1619, 18.6012

Protanomaly

23.9733, 24.0497, 19.5982

Deuteranomaly

25.2864, 24.1631, 18.3701

Tritanomaly

27.1468, 24.0816, 22.6195

Monochromacy



Original Color

26.4067, 24.1619, 18.6012

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2948, 24.3307, 23.4945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4067, 24.1619, 18.6012 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, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 125, 112)  
}
```

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, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 125, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.4067, 24.1619, 18.6012 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, 125, 112) }
```


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

```
.border{ border-color:rgb(168, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 125,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4067, 24.1619, 18.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 125, 112) }
```

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

```
.background{ background-color: rgb(168,  
125, 112) }
```

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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