

Converting Colors

XYZ(26.4089, 24.4908, 19.8940)

Have a look what the booklet for
XYZ(26.4089, 24.4908, 19.8940)
contains.

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Color

**XYZ(26.4676, 24.5467,
19.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	A67F74
RGB	166, 127, 116
RGB Percent	65%, 50%, 45%
CMY	0.3490, 0.5019, 0.5451
CMYK	0.00, 0.23, 0.30, 0.35
HSL	13°, 22%, 55%
HSV	13°, 30%, 65%
XYZ	26.4676, 24.5467, 19.8660
YIQ	137.4070, 26.7750, 4.8470

Conversions

Conversions Part 2

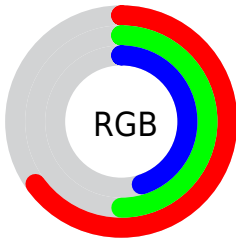
Format	Color
R_{YB}	166, 130, 116
Decimal	10911604
CIE _{Lab}	56.63, 13.44, 11.79
CIE _{LCh}	57, 17.882, 41.252
Yxy	24.5467, 0.3734, 0.3463
Android (android.graphics.Color)	4289101684 (0xFFA67F74)
YUV	137.4070, -10.5537, 25.0761
Hunter-Lab	49.5446, 8.6547, 10.9076

Details

The XYZ color **26.4676, 24.5467, 19.8660** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.8063, 29.9078, 40.4890**, and the grayscale version is **23.9641, 25.2121, 27.4560**.

A 20% lighter version of the original color is **53.5133, 50.9993, 44.0692**, and **10.5778, 9.3768, 6.7212** is the 20% darker color. If you saturate the color by 10%, you get **24.0210, 21.0632, 14.7047**, and if you desaturate by 10%, it is **29.3029, 28.5313, 26.0087**.

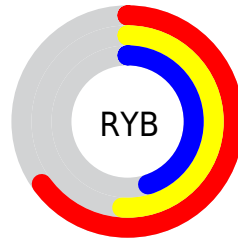
Distribution



Red (65%)

Green (50%)

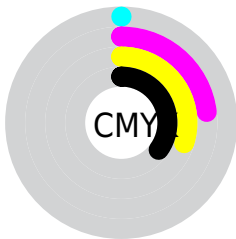
Blue (45%)



Red (65%)

Yellow (51%)

Blue (45%)

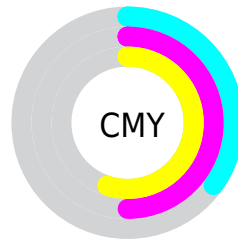


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (50%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4676, 24.5467, 19.8660 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 26.4676, 24.5467, 19.8660 by changing the saturation by 10% instead.


 26.4676, 24.5467,
19.8660

 26.4676, 24.5467,
19.8660


277.2848,
275.5729, 263.7690


 17.3083, 15.7397,
12.1146


 53.4543, 50.9209,
44.0484

 10.5512, 9.3401,
6.6983


 72.0124, 69.2568,
61.3165

 5.8310, 4.9637,
3.1986

 94.4341, 91.5378,
82.5939

 2.7823, 2.2260,
1.1969

121.0848,
118.1483, 108.2991

 1.0397, 0.7341,
0.0000

152.3299,
149.4726, 138.8506

 0.0000, 0.0000,
0.0000

188.5347,

185.8953, 174.6671

230.0645,
227.8005, 216.1670

■ 26.4676, 24.5467,
19.8660

■ 26.4676, 24.5467,
19.8660

■ 24.0210, 21.0632,
14.7047

■ 29.3029, 28.5313,
26.0087

■ 21.9440, 18.0574,
10.4722

■ 32.5413, 33.0324,
33.1788

■ 20.2184, 15.5091,
7.1133

■ 36.1986, 38.0689,
41.4209

■ 18.8239, 13.3955,
4.5662

■ 40.2892, 43.6577,
50.7769

■ 17.7378, 11.6915,
2.7607

■ 44.8270, 49.8150,
61.2861

■ 16.9343, 10.3694,
1.6150

■ 49.8251, 56.5564,
72.9860

■ 16.3730, 9.4012,
0.9517

■ 55.2960, 63.8967,
85.9126

■ 61.2518, 71.8504,
100.1000

■ 65.9839, 79.7431,
106.5220

Harmonies

Analogous

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



27.4758, 24.5467, 24.5547



26.4676, 24.5467, 19.8660



24.6396, 24.5467, 17.2848

Triad

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



26.4676, 24.5467, 19.8660



19.7461, 24.5467, 23.2134



24.1197, 24.5467, 39.6033

Complementary

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



26.4676, 24.5467, 19.8660



25.8063, 29.9078, 40.4890

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.



22.0694, 24.5467, 39.1018



26.4676, 24.5467, 19.8660



19.6253, 24.5467, 29.0241

Square

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



26.4676, 24.5467, 19.8660



20.7928, 24.5467, 19.0100



20.4524, 24.5467, 35.0101



26.0676, 24.5467, 36.2927

Rectangle

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



26.4676, 24.5467, 19.8660



23.2437, 24.5467, 16.8365



20.4524, 24.5467, 35.0101



23.4183, 24.5467, 39.8865

Sweetspot

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



26.4682, 24.5478, 19.8665



59.6586, 60.7792, 61.5563



27.9018, 22.9702, 34.0469



13.1527, 13.3277, 13.3329



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.



26.4682, 24.5478, 19.8665



45.0512, 40.3101, 29.7251



30.0795, 31.7704, 21.0703



7.6600, 7.8001, 7.8911



12.7261, 7.3494, 0.7478



0.3454, 0.2504, 0.0301

Inverse Universe

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



25.8063, 29.9078, 40.4890



43.6492, 51.5749, 73.1297



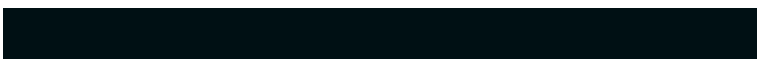
22.0904, 22.4761, 39.2504



7.6054, 8.2478, 9.6095



11.5082, 14.4767, 30.1632



0.3138, 0.4199, 0.7452

Previews

White Background



This preview shows how the XYZ color 26.4676, 24.5467, 19.8660 looks on a white background.

Color Contrast Check

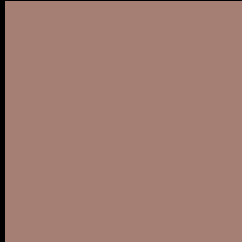
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4676, 24.5467, 19.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

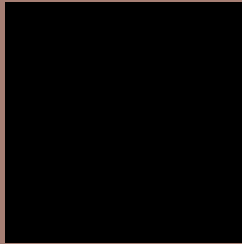
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4676, 24.5467, 19.8660

Background



This preview shows how black text looks on a background with the XYZ color 26.4676, 24.5467, 19.8660.



This preview shows how white text looks on a background with the XYZ color 26.4676, 24.5467,

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

26.4676, 24.5467, 19.8660

Protanopia

23.3497, 24.7152, 21.3091

Deuteranopia

25.1154, 24.6385, 19.6516



Tritanopia

27.6592, 24.4614, 25.8180

Trichromacy



Original Color

26.4676, 24.5467, 19.8660

Protanomaly

24.4798, 24.6863, 20.9275

Deuteranomaly

25.5743, 24.6767, 19.6348

Tritanomaly

27.1007, 24.4150, 23.3629

Monochromacy



Original Color

26.4676, 24.5467, 19.8660

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5627, 24.6559, 24.2334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4676, 24.5467, 19.8660 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, 127, 116)` looks like.

```
.text, #text, p{  
    color:rgb(166, 127, 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, 127, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 127, 116) }
```

Border

The CSS property to change the border of an element to XYZ 26.4676, 24.5467, 19.8660 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, 127, 116) }
```


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

```
.border{ border-color:rgb(166, 127, 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, 127, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 127, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 127, 116);  
box-shadow:4px 4px 4px 4px rgb(166, 127,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4676, 24.5467, 19.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 127, 116) }
```

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

```
.background{ background-color: rgb(166,  
127, 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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