

Converting Colors

XYZ(26.6333, 25.7233, 17.3095)

Have a look what the booklet for
XYZ(26.6333, 25.7233, 17.3095)
contains.

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Color

**XYZ(26.5787, 25.6501,
17.1858)**

Conversions

Conversions Part 1

Format	Color
Hex	A6846A
RGB	166, 132, 106
RGB Percent	65%, 52%, 42%
CMY	0.3490, 0.4823, 0.5843
CMYK	0.00, 0.20, 0.36, 0.35
HSL	26°, 25%, 53%
HSV	26°, 36%, 65%
XYZ	26.5787, 25.6501, 17.1858
YIQ	139.2020, 28.6100, -0.8780

Conversions

Conversions Part 2

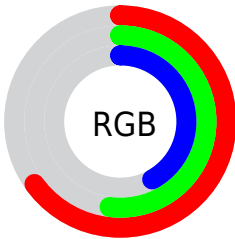
Format	Color
R_{YB}	166, 152, 106
Decimal	10912874
CIE _{Lab}	57.70, 9.28, 18.99
CIE _{LCh}	58, 21.135, 63.960
Yxy	25.6501, 0.3829, 0.3695
Android (android.graphics.Color)	4289102954 (0xFFA6846A)
YUV	139.2020, -16.3686, 23.5018
Hunter-Lab	50.6459, 5.0454, 15.3331

Details

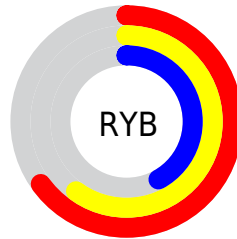
The XYZ color **26.5787, 25.6501, 17.1858** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2047, 24.5729, 39.6493**, and the grayscale version is **24.6724, 25.9573, 28.2675**.

A 20% lighter version of the original color is **53.5590, 52.6618, 39.2402**, and **10.6927, 10.0130, 5.5068** is the 20% darker color. If you saturate the color by 10%, you get **24.5793, 22.9015, 12.6647**, and if you desaturate by 10%, it is **28.8616, 28.6980, 22.6264**.

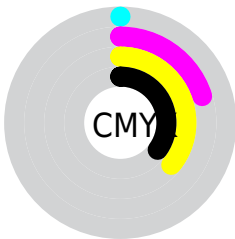
Distribution



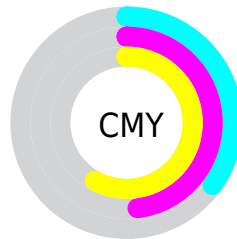
- Red (65%)
- Green (52%)
- Blue (42%)



- Red (65%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5787, 25.6501, 17.1858 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 26.5787, 25.6501, 17.1858 by changing the saturation by 10% instead.


 26.5787, 25.6501,
17.1858


 26.5787, 25.6501,
17.1858


277.8163,
281.0602, 248.3209


 17.3920, 16.5621,
10.2037


 53.6317, 52.7099,
39.4400


 10.6114, 9.9227,
5.4269


 72.2288, 71.4505,
55.5491

 5.8715, 5.3478,
2.4367


 94.6934, 94.1774,
75.5377

 2.8070, 2.4527,
0.8063

 121.3908,
121.2750, 99.8242

 1.0526, 0.8528,
0.0000

152.6865,
153.1277, 128.8273

 0.0000, 0.0000,
0.0000

188.9457,

190.1198, 162.9654

230.5339,
232.6359, 202.6571

■ 26.5787, 25.6501,
17.1858

■ 26.5787, 25.6501,
17.1858

■ 24.5793, 22.9015,
12.6647

■ 28.8616, 28.6980,
22.6264

■ 22.8486, 20.4387,
9.0096

■ 31.4378, 32.0509,
29.0328

■ 21.3736, 18.2523,
6.1638

■ 34.3191, 35.7191,
36.4500

■ 20.1389, 16.3309,
4.0628

■ 37.5159, 39.7109,
44.9198

■ 19.1272, 14.6620,
2.6326

■ 41.0381, 44.0346,
54.4815

■ 18.3159, 13.2308,
1.7723

■ 44.8953, 48.6981,
65.1724

■ 18.0396, 12.7343,
1.5072

■ 49.0964, 53.7089,
77.0281

■ 53.6501, 59.0743,
90.0825

■ 58.5003, 64.7756,
104.0274

Harmonies

Analogous

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



28.6422, 25.6501, 20.8450



26.5787, 25.6501, 17.1858



24.0452, 25.6501, 16.2057

Triad

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



26.5787, 25.6501, 17.1858



19.8405, 25.6501, 28.9021



27.2000, 25.6501, 41.1546

Complementary

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



26.5787, 25.6501, 17.1858



22.2047, 24.5729, 39.6493

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.



24.7172, 25.6501, 44.2648



26.5787, 25.6501, 17.1858



20.5624, 25.6501, 36.4587

Square

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



26.5787, 25.6501, 17.1858



20.2639, 25.6501, 22.2469



22.3054, 25.6501, 42.4135



29.0180, 25.6501, 34.5036

Rectangle

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



26.5787, 25.6501, 17.1858



22.4566, 25.6501, 17.0316



22.3054, 25.6501, 42.4135



26.4095, 25.6501, 42.6965

Sweetspot

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



26.5794, 25.6513, 17.1863



59.5691, 61.3851, 59.1069



25.6138, 20.3088, 27.3812



13.1801, 13.5451, 12.8408



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.



26.5794, 25.6513, 17.1863



45.4153, 42.6868, 24.7648



31.2479, 34.9885, 18.7425



7.7885, 8.0571, 7.9339



14.0336, 9.9644, 1.1837



0.3927, 0.3449, 0.0459

Inverse Universe

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



22.2047, 24.5729, 39.6493



36.3343, 40.4391, 71.3658



18.4030, 16.9695, 38.3821



7.4712, 7.9794, 9.5647



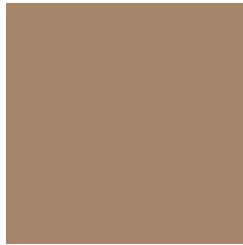
8.4924, 8.4449, 29.1579



0.2560, 0.3043, 0.7259

Previews

White Background



This preview shows how the XYZ color 26.5787, 25.6501, 17.1858 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 26.5787, 25.6501, 17.1858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

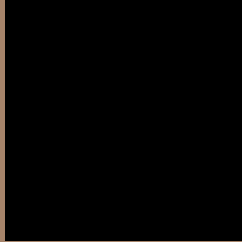
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5787, 25.6501, 17.1858

Background



This preview shows how black text looks on a background with the XYZ color 26.5787, 25.6501, 17.1858.



This preview shows how white text looks on a background with the XYZ color 26.5787, 25.6501,

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

26.5787, 25.6501, 17.1858

Protanopia

24.2057, 25.8653, 18.1847

Deuteranopia

26.0933, 25.6022, 17.2021



Tritanopia

28.6688, 25.7083, 27.4960

Trichromacy



Original Color

26.5787, 25.6501, 17.1858

Protanomaly

25.0285, 25.6596, 17.8210

Deuteranomaly

26.2989, 25.7082, 17.2117

Tritanomaly

27.7646, 25.5317, 23.2034

Monochromacy



Original Color

26.5787, 25.6501, 17.1858

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.0294, 25.5302, 23.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5787, 25.6501, 17.1858 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, 132, 106)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 106)  
}
```

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, 132, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 106) }
```

Border

The CSS property to change the border of an element to XYZ 26.5787, 25.6501, 17.1858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

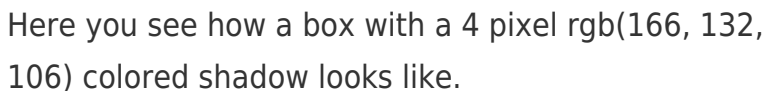
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 132, 106) }
```


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

```
.border{ border-color:rgb(166, 132, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 132, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 106);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5787, 25.6501, 17.1858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 132, 106) }
```

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

```
.background{ background-color: rgb(166,  
132, 106) }
```

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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