

Converting Colors

XYZ(26.5778, 25.2200, 18.5061)

Have a look what the booklet for
XYZ(26.5778, 25.2200, 18.5061)
contains.

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Color

**XYZ(26.5778, 25.2200,
18.5061)**

Conversions

Conversions Part 1

Format	Color
Hex	A6826F
RGB	166, 130, 111
RGB Percent	65%, 51%, 44%
CMY	0.3490, 0.4902, 0.5647
CMYK	0.00, 0.22, 0.33, 0.35
HSL	21°, 24%, 54%
HSV	21°, 33%, 65%
XYZ	26.5778, 25.2200, 18.5061
YIQ	138.5980, 27.5550, 1.7230

Conversions

Conversions Part 2

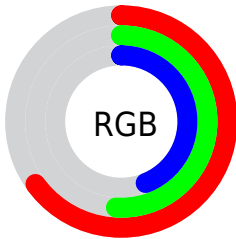
Format	Color
R_{YB}	166, 140, 111
Decimal	10912367
CIE _{Lab}	57.29, 11.06, 15.58
CIE _{LCh}	57, 19.103, 54.621
Yxy	25.2200, 0.3780, 0.3587
Android (android.graphics.Color)	4289102447 (0xFFA6826F)
YUV	138.5980, -13.6058, 24.0316
Hunter-Lab	50.2195, 6.5838, 13.3051

Details

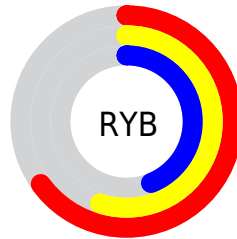
The XYZ color **26.5778, 25.2200, 18.5061** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8719, 26.9993, 40.0297**, and the grayscale version is **24.4299, 25.7021, 27.9896**.

A 20% lighter version of the original color is **53.6685, 52.0409, 41.8666**, and **10.6497, 9.7545, 6.0241** is the 20% darker color. If you saturate the color by 10%, you get **24.3779, 22.1494, 13.6747**, and if you desaturate by 10%, it is **29.1015, 28.6661, 24.2840**.

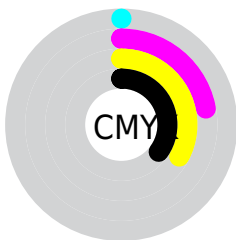
Distribution



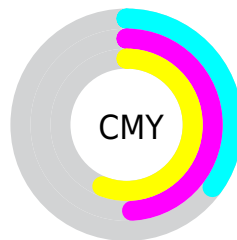
- Red (65%)
- Green (51%)
- Blue (44%)



- Red (65%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5778, 25.2200, 18.5061 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 26.5778, 25.2200, 18.5061 by changing the saturation by 10% instead.


 26.5778, 25.2200,
18.5061


 26.5778, 25.2200,
18.5061


277.8120,
278.9318, 256.0396


 17.3913, 16.2410,
11.1408


 53.6303, 52.0139,
41.7234


 10.6109, 9.6949,
6.0462


 72.2271, 70.5976,
58.4124

 5.8712, 5.1971,
2.8040

 94.6913, 93.1517,
79.0463

 2.8068, 2.3634,
0.9954

 121.3884,
120.0606, 104.0438

 1.0525, 0.8070,
0.0000

152.6836,
151.7087, 133.8233

 0.0000, 0.0000,
0.0000

188.9424,

188.4803, 168.8035

230.5301,
230.7599, 209.4027

■ 26.5778, 25.2200,
18.5061

■ 26.5778, 25.2200,
18.5061

■ 24.3779, 22.1494,
13.6747

■ 29.1015, 28.6661,
24.2840

■ 22.4856, 19.4376,
9.7371

■ 31.9603, 32.4968,
31.0543

■ 20.8865, 17.0717,
6.6377

■ 35.1673, 36.7249,
38.8615

■ 19.5636, 15.0367,
4.3138

■ 38.7341, 41.3620,
47.7471

■ 18.4982, 13.3161,
2.6940

■ 42.6720, 46.4188,
57.7504

■ 17.6686, 11.8919,
1.6930

■ 46.9917, 51.9059,
68.9084

■ 17.2067, 11.0686,
1.2296

■ 51.7034, 57.8333,
81.2567

■ 56.8170, 64.2108,
94.8292

■ 61.4599, 70.6950,
105.0140

Harmonies

Analogous

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



28.1454, 25.2200, 22.5916



26.5778, 25.2200, 18.5061



24.3808, 25.2200, 16.8336

Triad

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



26.5778, 25.2200, 18.5061



19.8968, 25.2200, 26.3093



25.8286, 25.2200, 40.4094

Complementary

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



26.5778, 25.2200, 18.5061



23.8719, 26.9993, 40.0297

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.



23.5655, 25.2200, 41.8195



26.5778, 25.2200, 18.5061



20.2309, 25.2200, 32.9826

Square

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



26.5778, 25.2200, 18.5061



20.5972, 25.2200, 20.8623



21.5402, 25.2200, 38.9178



27.6942, 25.2200, 35.3205

Rectangle

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



26.5778, 25.2200, 18.5061



22.8898, 25.2200, 17.0863



21.5402, 25.2200, 38.9178



25.0854, 25.2200, 41.3599

Sweetspot

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



26.5785, 25.2212, 18.5066



59.6530, 61.1632, 60.3359



26.7295, 21.6037, 30.6402



13.1784, 13.4610, 13.0891



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.



26.5785, 25.2212, 18.5066



45.1456, 41.4704, 26.7618



30.6241, 33.3124, 19.8552



7.7352, 7.9504, 7.9162



13.3830, 8.6632, 0.9668



0.3732, 0.3060, 0.0394

Inverse Universe

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



23.8719, 26.9993, 40.0297



39.4320, 45.1996, 72.1214



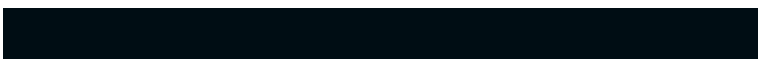
20.1753, 19.6061, 38.7975



7.5261, 8.0891, 9.5830



9.5934, 10.6470, 29.5249



0.2783, 0.3489, 0.7333

Previews

White Background



This preview shows how the XYZ color 26.5778, 25.2200, 18.5061 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 26.5778, 25.2200, 18.5061 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 26.5778, 25.2200, 18.5061

Background



This preview shows how black text looks on a background with the XYZ color 26.5778, 25.2200, 18.5061.



This preview shows how white text looks on a background with the XYZ color 26.5778, 25.2200,

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

26.5778, 25.2200, 18.5061

Protanopia

23.7172, 25.1489, 19.8238

Deuteranopia

25.6177, 25.1238, 18.5381



Tritanopia

28.2670, 25.1343, 26.6541

Trichromacy



Original Color

26.5778, 25.2200, 18.5061

Protanomaly

24.6992, 25.0374, 19.4505

Deuteranomaly

25.8858, 25.0617, 18.5120

Tritanomaly

27.5686, 25.0359, 23.4581

Monochromacy



Original Color

26.5778, 25.2200, 18.5061

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.1610, 25.5829, 24.3807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5778, 25.2200, 18.5061 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, 130, 111)` looks like.

```
.text, #text, p{  
    color:rgb(166, 130, 111)  
}
```

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, 130, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 130, 111) }
```

Border

The CSS property to change the border of an element to XYZ 26.5778, 25.2200, 18.5061 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, 130, 111) }
```


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

```
.border{ border-color:rgb(166, 130, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 130, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 130, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 130, 111);  
box-shadow:4px 4px 4px 4px rgb(166, 130,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5778, 25.2200, 18.5061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 130, 111) }
```

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

```
.background{ background-color: rgb(166,  
130, 111) }
```

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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