

Converting Colors

XYZ(26.5540, 26.0066, 18.9495)

Have a look what the booklet for
XYZ(26.5540, 26.0066, 18.9495)
contains.

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Color

**XYZ(26.5540, 26.0066,
18.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	A38670
RGB	163, 134, 112
RGB Percent	64%, 53%, 44%
CMY	0.3608, 0.4745, 0.5608
CMYK	0.00, 0.18, 0.31, 0.36
HSL	26°, 22%, 54%
HSV	26°, 31%, 64%
XYZ	26.5540, 26.0066, 18.9495
YIQ	140.1630, 24.3460, -0.6940

Conversions

Conversions Part 2

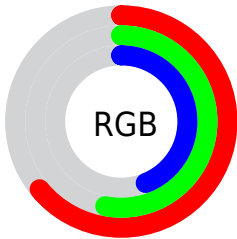
Format	Color
R_{YB}	163, 151, 112
Decimal	10716784
CIE Lab	58.04, 7.71, 16.00
CIE LCh	58, 17.760, 64.263
Yxy	26.0066, 0.3713, 0.3637
Android (android.graphics.Color)	4288906864 (0xFFA38670)
YUV	140.1630, -13.8844, 20.0280
Hunter-Lab	50.9967, 3.7009, 13.6665

Details

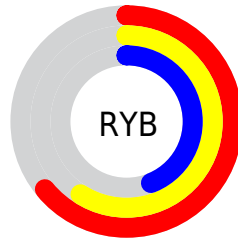
The XYZ color **26.5540, 26.0066, 18.9495** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **22.8176, 25.1381, 38.2999**, and the grayscale version is **25.0369, 26.3407, 28.6851**.

A 20% lighter version of the original color is **53.6846, 53.2811, 42.5767**, and **10.5261, 10.0258, 6.2309** is the 20% darker color. If you saturate the color by 10%, you get **24.5022, 23.2262, 14.1861**, and if you desaturate by 10%, it is **28.8837, 29.0796, 24.6168**.

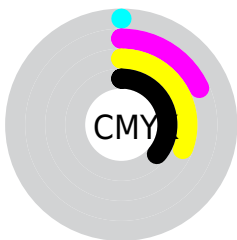
Distribution



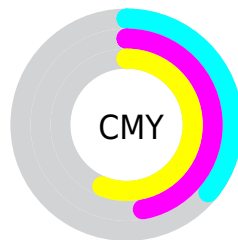
- Red (64%)
- Green (53%)
- Blue (44%)



- Red (64%)
- Yellow (59%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (36%)





- Cyan (36%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5540, 26.0066, 18.9495 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 26.5540, 26.0066, 18.9495 by changing the saturation by 10% instead.


 26.5540, 26.0066,
18.9495


 26.5540, 26.0066,
18.9495


277.6982,
282.8145, 258.5833


 17.3734, 16.8286,
11.4574


 53.5923, 53.2856,
42.4843


 10.5980, 10.1123,
6.2573


 72.1807, 72.1554,
59.3641

 5.8625, 5.4735,
2.9309

 94.6358, 95.0245,
80.2101

 2.8015, 2.5277,
1.0594

 121.3228,
122.2774, 105.4409

 1.0497, 0.8904,
0.0000

152.6073,
154.2984, 135.4751

 0.0000, 0.0000,
0.0000

188.8544,

191.4720, 170.7312

230.4296,
234.1826, 211.6277

■ 26.5540, 26.0066,
18.9495

■ 26.5540, 26.0066,
18.9495

■ 24.5022, 23.2262,
14.1861

■ 28.8837, 29.0796,
24.6168

■ 22.7146, 20.7257,
10.2772

■ 31.5004, 32.4505,
31.2305

■ 21.1792, 18.4963,
7.1713

■ 34.4149, 36.1289,
38.8323

■ 19.8820, 16.5274,
4.8106

■ 37.6371, 40.1228,
47.4611

■ 18.8075, 14.8077,
3.1290

■ 41.1763, 44.4399,
57.1533

■ 17.9378, 13.3245,
2.0491

■ 45.0414, 49.0877,
67.9440

■ 17.3148, 12.2076,
1.4437

■ 49.2408, 54.0733,
79.8664

■ 53.7828, 59.4037,
92.9522

■ 58.0735, 64.8449,
104.0633

Harmonies

Analogous

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



28.2881, 26.0066, 22.1708



26.5540, 26.0066, 18.9495



24.4130, 26.0066, 18.0909

Triad

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



26.5540, 26.0066, 18.9495



20.8276, 26.0066, 29.2045



27.1152, 26.0066, 39.2498

Complementary

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



26.5540, 26.0066, 18.9495



22.8176, 25.1381, 38.2999

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.



25.0265, 26.0066, 41.8126



26.5540, 26.0066, 18.9495



21.4626, 26.0066, 35.5050

Square

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



26.5540, 26.0066, 18.9495



21.1846, 26.0066, 23.4888



22.9696, 26.0066, 40.3522



28.6251, 26.0066, 33.7648

Rectangle

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



26.5540, 26.0066, 18.9495



23.0613, 26.0066, 18.8514



22.9696, 26.0066, 40.3522



26.4533, 26.0066, 40.5150

Sweetspot

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



26.5547, 26.0078, 18.9500



57.4765, 59.4669, 58.6682



25.7624, 21.3207, 28.2506



12.7513, 13.1557, 12.7699



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5547, 26.0078, 18.9500



44.7846, 42.8341, 27.4595



30.3842, 33.6669, 20.2265



7.3133, 7.5651, 7.4548



13.5003, 9.5746, 1.1365



0.3302, 0.2943, 0.0394

Inverse Universe

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



22.8176, 25.1381, 38.2999



36.9466, 41.0037, 68.0233



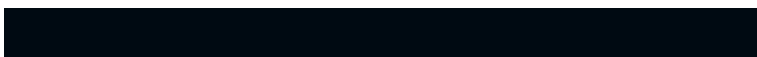
19.5675, 18.6379, 37.2166



7.0190, 7.4969, 8.9802



8.2037, 8.1867, 28.0776



0.2181, 0.2635, 0.6052

Previews

White Background



This preview shows how the XYZ color 26.5540, 26.0066, 18.9495 looks on a white background.

Color Contrast Check

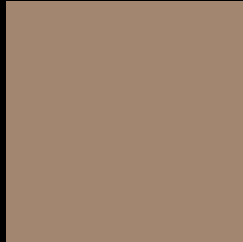
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5540, 26.0066, 18.9495 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 26.5540, 26.0066, 18.9495

Background



This preview shows how black text looks on a background with the XYZ color 26.5540, 26.0066, 18.9495.



This preview shows how white text looks on a background with the XYZ color 26.5540, 26.0066,

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

26.5540, 26.0066, 18.9495

Protanopia

24.5399, 25.9989, 19.9446

Deuteranopia

26.5540, 26.0066, 18.9495



Tritanopia

28.4421, 25.9657, 28.3238

Trichromacy



Original Color

26.5540, 26.0066, 18.9495

Protanomaly

25.1198, 25.8785, 19.5907

Deuteranomaly

26.5540, 26.0066, 18.9495

Tritanomaly

27.6626, 25.8436, 24.6494

Monochromacy



Original Color

26.5540, 26.0066, 18.9495

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3305, 26.0846, 24.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5540, 26.0066, 18.9495 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(163, 134, 112)` looks like.

```
.text, #text, p{  
    color:rgb(163, 134, 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(163, 134, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 134, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.5540, 26.0066, 18.9495 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(163, 134, 112) }
```


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

```
.border{ border-color:rgb(163, 134, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 134, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 134, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 134, 112);  
box-shadow:4px 4px 4px 4px rgb(163, 134,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5540, 26.0066, 18.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 134, 112) }
```

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

```
.background{ background-color: rgb(163,  
134, 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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