

Converting Colors

XYZ(26.4805, 26.4182, 11.5391)

Have a look what the booklet for
XYZ(26.4805, 26.4182, 11.5391)
contains.

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Color

**XYZ(26.5114, 26.3570,
11.4747)**

Conversions

Conversions Part 1

Format	Color
Hex	A98751
RGB	169, 135, 81
RGB Percent	66%, 53%, 32%
CMY	0.3373, 0.4706, 0.6823
CMYK	0.00, 0.20, 0.52, 0.34
HSL	37°, 35%, 49%
HSV	37°, 52%, 66%
XYZ	26.5114, 26.3570, 11.4747
YIQ	139.0100, 37.5980, -9.5860

Conversions

Conversions Part 2

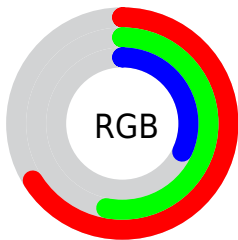
Format	Color
R_{YB}	136, 169, 81
Decimal	11110225
CIE _{Lab}	58.37, 6.11, 33.76
CIE _{LCh}	58, 34.311, 79.742
Yxy	26.3570, 0.4120, 0.4096
Android (android.graphics.Color)	4289300305 (0xFFA98751)
YUV	139.0100, -28.5989, 26.3012
Hunter-Lab	51.3391, 2.3337, 22.6856

Details

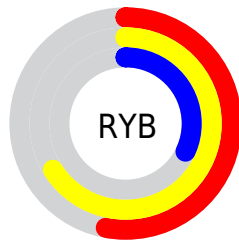
The XYZ color **26.5114, 26.3570, 11.4747** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.6854, 16.8749, 39.9139**, and the grayscale version is **24.6415, 25.9248, 28.2321**.

A 20% lighter version of the original color is **53.4440, 53.7739, 29.0353**, and **10.5560, 10.3485, 2.9545** is the 20% darker color. If you saturate the color by 10%, you get **25.0718, 24.3690, 8.2479**, and if you desaturate by 10%, it is **28.1658, 28.5224, 15.5518**.

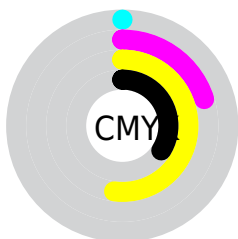
Distribution



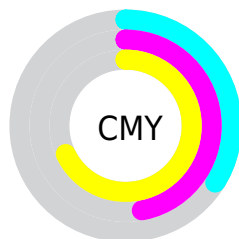
- Red (66%)
- Green (53%)
- Blue (32%)



- Red (53%)
- Yellow (66%)
- Blue (32%)



- Cyan (0%)
- Magenta (20%)
- Yellow (52%)
- Black (34%)



- Cyan (34%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5114, 26.3570, 11.4747 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 26.5114, 26.3570, 11.4747 by changing the saturation by 10% instead.

■ 26.5114, 26.3570,
11.4747

■ 26.5114, 26.3570,
11.4747

277.4944,
284.5302, 211.7489

■ 17.3413, 17.0909,
6.2689

■ 53.5243, 53.8503,
29.1846

■ 10.5749, 10.2993,
2.9379

■ 72.0977, 72.8463,
42.5259

■ 5.8470, 5.5979,
1.0630

■ 94.5364, 95.8544,
59.4160

■ 2.7920, 2.6021,
0.0000

■ 121.2055,
123.2590, 80.2735

■ 1.0448, 0.9277,
0.0000

■ 152.4705,
155.4445, 105.5171

■ 0.0000, 0.0000,
0.0000

188.6968,

192.7953, 135.5651

230.2497,
235.6957, 170.8362

■ 26.5114, 26.3570,
11.4747

■ 26.5114, 26.3570,
11.4747

■ 25.0718, 24.3690,
8.2479

■ 28.1658, 28.5224,
15.5518

■ 23.8323, 22.5478,
5.8068

■ 30.0449, 30.8675,
20.5344

■ 22.7789, 20.8872,
4.0797

■ 32.1600, 33.3995,
26.4747

■ 21.8943, 19.3787,
2.9810

■ 34.5211, 36.1239,
33.4205

■ 21.2835, 18.2777,
2.4062

■ 37.1373, 39.0456,
41.4164

■ 40.0177, 42.1698,
50.5044

■ 43.1703, 45.5010,
60.7239

■ 46.6032, 49.0439,
72.1127

■ 50.3241, 52.8027,
84.7066

Harmonies

Analogous

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



30.6174, 26.3570, 14.4636



26.5114, 26.3570, 11.4747



22.4315, 26.3570, 12.0181

Triad

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



26.5114, 26.3570, 11.4747



18.2178, 26.3570, 37.2042



31.7050, 26.3570, 46.3075

Complementary

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



26.5114, 26.3570, 11.4747



16.6854, 16.8749, 39.9139

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.



27.8680, 26.3570, 56.2995



26.5114, 26.3570, 11.4747



20.2048, 26.3570, 50.1124

Square

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



26.5114, 26.3570, 11.4747



17.9408, 26.3570, 24.7884



23.6463, 26.3570, 57.8586



33.8294, 26.3570, 32.9991

Rectangle

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



26.5114, 26.3570, 11.4747



20.2528, 26.3570, 14.3794



23.6463, 26.3570, 57.8586



30.5540, 26.3570, 50.3059

Sweetspot

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



26.5120, 26.3583, 11.4752



59.9876, 62.5960, 54.3846



22.4689, 15.5858, 18.4085



12.8947, 13.4354, 11.3245



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.



26.5120, 26.3583, 11.4752



44.6552, 43.2907, 14.2538



30.2105, 36.4643, 13.2310



7.8998, 8.2797, 7.9711



15.9155, 13.7282, 1.8110



0.4345, 0.4287, 0.0598

Inverse Universe

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



16.6854, 16.8749, 39.9139



25.2071, 24.5537, 70.6359



14.3012, 10.9134, 38.8889



7.3606, 7.7580, 9.5279



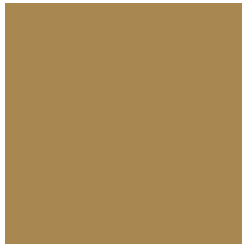
6.8073, 5.0748, 28.5962



0.2154, 0.2230, 0.7123

Previews

White Background



This preview shows how the XYZ color 26.5114, 26.3570, 11.4747 looks on a white background.

Color Contrast Check

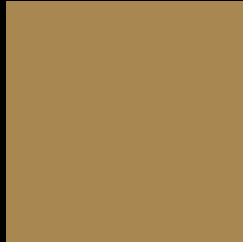
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5114, 26.3570, 11.4747 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 26.5114, 26.3570, 11.4747

Background



This preview shows how black text looks on a background with the XYZ color 26.5114, 26.3570, 11.4747.



This preview shows how white text looks on a background with the XYZ color 26.5114, 26.3570,

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

26.5114, 26.3570, 11.4747

Protanopia

24.4126, 26.5443, 12.0205

Deuteranopia

26.8049, 26.3022, 11.4486



Tritanopia

29.7622, 26.2720, 27.5471

Trichromacy



Original Color

26.5114, 26.3570, 11.4747

Protanomaly

25.0537, 26.4454, 11.7666

Deuteranomaly

26.5879, 26.1903, 11.4385

Tritanomaly

28.3404, 26.2876, 20.4099

Monochromacy



Original Color

26.5114, 26.3570, 11.4747

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9362, 25.9690, 20.8378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5114, 26.3570, 11.4747 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(169, 135, 81)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 81)  
}
```

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(169, 135, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 81) }
```

Border

The CSS property to change the border of an element to XYZ 26.5114, 26.3570, 11.4747 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(169, 135, 81) }
```


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

```
.border{ border-color:rgb(169, 135, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 81);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5114, 26.3570, 11.4747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 81) }
```

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

```
.background{ background-color: rgb(169,  
135, 81) }
```

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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