

Converting Colors

XYZ(26.6742, 25.4583, 9.9866)

Have a look what the booklet for
XYZ(26.6742, 25.4583, 9.9866)
contains.

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Color

**XYZ(26.6742, 25.4583,
9.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	AE824A
RGB	174, 130, 74
RGB Percent	68%, 51%, 29%
CMY	0.3176, 0.4902, 0.7098
CMYK	0.00, 0.25, 0.57, 0.32
HSL	34°, 40%, 49%
HSV	34°, 57%, 68%
XYZ	26.6742, 25.4583, 9.9866
YIQ	136.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

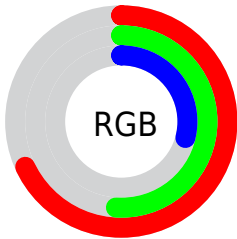
Format	Color
R_{YB}	153, 174, 74
Decimal	11436618
CIE _{Lab}	57.52, 10.46, 36.56
CIE _{LCh}	58, 38.030, 74.030
Yxy	25.4583, 0.4294, 0.4098
Android (android.graphics.Color)	4289626698 (0xFFAE824A)
YUV	136.7720, -30.9466, 32.6490
Hunter-Lab	50.4562, 6.0675, 23.5843

Details

The XYZ color **26.6742, 25.4583, 9.9866** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.9421, 17.4680, 42.5229**, and the grayscale version is **23.7937, 25.0328, 27.2608**.

A 20% lighter version of the original color is **53.8503, 52.4780, 26.3598**, and **10.7480, 9.8859, 2.3786** is the 20% darker color. If you saturate the color by 10%, you get **25.1866, 23.2951, 6.9879**, and if you desaturate by 10%, it is **28.4009, 27.8404, 13.8654**.

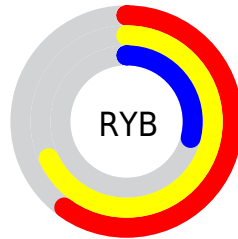
Distribution



Red (68%)

Green (51%)

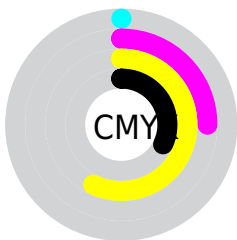
Blue (29%)



Red (60%)

Yellow (68%)

Blue (29%)

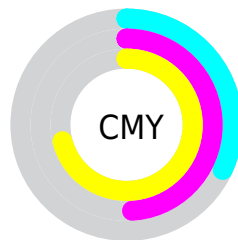


Cyan (0%)

Magenta (25%)

Yellow (57%)

Black (32%)



Cyan (32%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6742, 25.4583, 9.9866 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 26.6742, 25.4583, 9.9866 by changing the saturation by 10% instead.

■ 26.6742, 25.4583,
9.9866

■ 26.6742, 25.4583,
9.9866

278.2726,
280.1127, 201.0577

■ 17.4640, 16.4188,
5.2846

■ 53.7842, 52.3997,
26.3777

■ 10.6632, 9.8210,
2.3535

■ 72.4147, 71.0705,
38.9039

■ 5.9065, 5.2804,
0.7610

■ 94.9161, 93.7205,
54.8752

■ 2.8284, 2.4127,
0.0000

■ 121.6536,
120.7341, 74.7102

■ 1.0637, 0.8324,
0.0000

■ 152.9927,
152.4958, 98.8274

■ 0.0000, 0.0000,
0.0000

189.2986,

189.3898, 127.6454

230.9368,
231.8006, 161.5826

■ 26.6742, 25.4583,
9.9866

■ 26.6742, 25.4583,
9.9866

■ 25.1866, 23.2951,
6.9879

■ 28.4009, 27.8404,
13.8654

■ 23.9209, 21.3383,
4.7949

■ 30.3787, 30.4457,
18.6875

■ 22.8601, 19.5793,
3.3234

■ 32.6208, 33.2830,
24.5118

■ 21.9779, 18.0048,
2.4433

■ 35.1387, 36.3592,
31.3921

■ 21.7716, 17.6308,
2.2556

■ 37.9432, 39.6810,
39.3782

■ 41.0446, 43.2548,
48.5168

■ 44.4524, 47.0866,
58.8518

■ 48.1760, 51.1823,
70.4248

■ 52.2239, 55.5474,
83.2756

Harmonies

Analogous

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



31.0168, 25.4583, 13.7435



26.6742, 25.4583, 9.9866



22.1462, 25.4583, 9.8763

Triad

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



26.6742, 25.4583, 9.9866



16.6914, 25.4583, 34.2190



30.7714, 25.4583, 49.8055

Complementary

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



26.6742, 25.4583, 9.9866



16.9421, 17.4680, 42.5229

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.



26.3714, 25.4583, 59.6542



26.6742, 25.4583, 9.9866



18.4588, 25.4583, 48.9281

Square

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



26.6742, 25.4583, 9.9866



16.7510, 25.4583, 21.4064



21.8788, 25.4583, 59.2906



33.5763, 25.4583, 35.1663

Rectangle

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



26.6742, 25.4583, 9.9866



19.6421, 25.4583, 11.7580



21.8788, 25.4583, 59.2906



29.4074, 25.4583, 53.9638

Sweetspot

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



26.6748, 25.4595, 9.9871



63.8203, 66.0507, 57.1709



23.2342, 15.2283, 19.1678



13.9767, 14.4297, 12.1280



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.6748, 25.4595, 9.9871



45.0156, 41.2417, 11.4411



32.7342, 39.2014, 12.3202



8.3633, 8.7313, 8.4579



15.8510, 12.9076, 1.6560



0.4943, 0.4657, 0.0638

Inverse Universe

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



16.9421, 17.4680, 42.5229



25.6785, 25.3964, 76.1855



13.3134, 9.6161, 41.1986



7.8580, 8.3153, 10.1436



7.5008, 6.1354, 29.8334



0.2637, 0.2809, 0.8483

Previews

White Background



This preview shows how the XYZ color 26.6742, 25.4583, 9.9866 looks on a white background.

Color Contrast Check

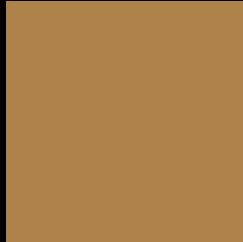
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6742, 25.4583, 9.9866 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 26.6742, 25.4583, 9.9866

Background



This preview shows how black text looks on a background with the XYZ color 26.6742, 25.4583, 9.9866.



This preview shows how white text looks on a background with the XYZ color 26.6742, 25.4583,

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

26.6742, 25.4583, 9.9866

Protanopia

23.5211, 25.6765, 10.7375

Deuteranopia

26.0649, 25.5430, 10.0351



Tritanopia

29.9070, 25.4431, 25.5250

Trichromacy



Original Color

26.6742, 25.4583, 9.9866

Protanomaly

24.6059, 25.6037, 10.4826

Deuteranomaly

26.1469, 25.3849, 10.0003

Tritanomaly

28.5169, 25.4387, 18.7364

Monochromacy



Original Color

26.6742, 25.4583, 9.9866

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1400, 24.7491, 19.4243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6742, 25.4583, 9.9866 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(174, 130, 74)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 74)  
}
```

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(174, 130, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 74) }
```

Border

The CSS property to change the border of an element to XYZ 26.6742, 25.4583, 9.9866 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(174, 130, 74) }
```


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

```
.border{ border-color:rgb(174, 130, 74) }
```

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

Here you see how a box with a 4 pixel rgb(174, 130, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 74);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6742, 25.4583, 9.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 74) }
```

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

```
.background{ background-color: rgb(174,  
130, 74) }
```

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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