

Converting Colors

XYZ(26.9378, 26.4326, 8.6832)

Have a look what the booklet for
XYZ(26.9378, 26.4326, 8.6832)
contains.

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Color

**XYZ(26.9348, 26.4305,
8.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8641
RGB	174, 134, 65
RGB Percent	68%, 53%, 25%
CMY	0.3176, 0.4745, 0.7451
CMYK	0.00, 0.23, 0.63, 0.32
HSL	38°, 46%, 47%
HSV	38°, 63%, 68%
XYZ	26.9348, 26.4305, 8.6830
YIQ	138.0940, 45.9890, -12.9790

Conversions

Conversions Part 2

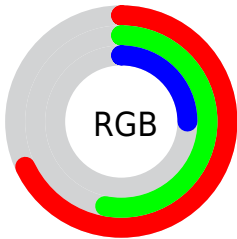
Format	Color
R_{YB}	128, 174, 65
Decimal	11437633
CIE _{Lab}	58.44, 7.54, 42.26
CIE _{LCh}	58, 42.932, 79.882
Yxy	26.4305, 0.4341, 0.4260
Android (android.graphics.Color)	4289627713 (0xFFAE8641)
YUV	138.0940, -36.0353, 31.4896
Hunter-Lab	51.4106, 3.5503, 25.9736

Details

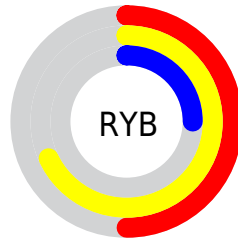
The XYZ color **26.9348, 26.4305, 8.6830** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.8713, 14.2824, 42.0172**, and the grayscale version is **24.3149, 25.5812, 27.8579**.

A 20% lighter version of the original color is **54.1435, 53.9343, 23.7763**, and **10.8059, 10.3830, 1.8865** is the 20% darker color. If you saturate the color by 10%, you get **25.6505, 24.5482, 6.1398**, and if you desaturate by 10%, it is **28.4289, 28.4841, 12.0627**.

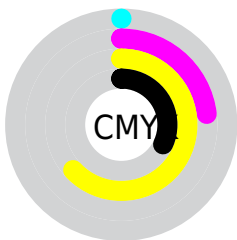
Distribution



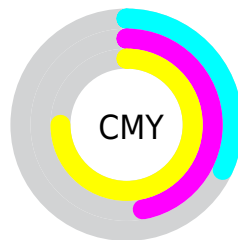
- Red (68%)
- Green (53%)
- Blue (25%)



- Red (50%)
- Yellow (68%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (32%)





- Cyan (32%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9348, 26.4305, 8.6830 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 26.9348, 26.4305, 8.6830 by changing the saturation by 10% instead.


 26.9348, 26.4305,
8.6830


 26.9348, 26.4305,
8.6830


279.5146,
284.8890, 191.1253


 17.6606, 17.1460,
4.4410


 54.1999, 53.9686,
23.8548

 10.8048, 10.3386,
1.8703


 72.9214, 72.9910,
35.6217

 6.0021, 5.6240,
0.4737


 95.5228, 96.0282,
50.7340

 2.8870, 2.6179,
0.0000

 122.3694,
123.4645, 69.6103

 1.0943, 0.9356,
0.0000

 153.8265,
155.6843, 92.6690

 0.0203, 0.0000,
0.0000

190.2595,

 0.0000, 0.0000,

193.0721, 120.3287

0.0000

232.0337,
236.0122, 153.0080

■ 26.9348, 26.4305,
8.6830

■ 26.9348, 26.4305,
8.6830

■ 25.6505, 24.5482,
6.1398

■ 28.4289, 28.4841,
12.0627

■ 24.5584, 22.8254,
4.3532

■ 30.1448, 30.7121,
16.3456

■ 23.6406, 21.2546,
3.2307

■ 32.0955, 33.1222,
21.5935

■ 23.0480, 20.1836,
2.6811

■ 34.2924, 35.7202,
27.8623

■ 36.7463, 38.5119,
35.2033

■ 39.4668, 41.5025,
43.6648

■ 42.4634, 44.6970,
53.2918

■ 45.7449, 48.1001,
64.1269

■ 49.3197, 51.7166,
76.2106

Harmonies

Analogous

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



32.1951, 26.4305, 11.8617



26.9348, 26.4305, 8.6830



21.8458, 26.4305, 9.2679

Triad

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



26.9348, 26.4305, 8.6830



16.7820, 26.4305, 39.7589



33.6483, 26.4305, 51.6854

Complementary

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



26.9348, 26.4305, 8.6830



14.8713, 14.2824, 42.0172

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.



28.7090, 26.4305, 65.3735



26.9348, 26.4305, 8.6830



19.1680, 26.4305, 56.9926

Square

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



26.9348, 26.4305, 8.6830



16.4448, 26.4305, 23.9973



23.3913, 26.4305, 67.5966



36.4130, 26.4305, 34.1555

Rectangle

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



26.9348, 26.4305, 8.6830



19.1946, 26.4305, 11.8194



23.3913, 26.4305, 67.5966



32.1576, 26.4305, 57.1134

Sweetspot

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



26.9354, 26.4318, 8.6835



63.6226, 66.4283, 54.7224



21.9884, 13.8365, 15.3623



13.8720, 14.4550, 11.3693



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.



26.9354, 26.4318, 8.6835



45.7587, 43.3433, 9.7910



30.8453, 38.2602, 10.7606



8.4118, 8.8285, 8.4741



16.7749, 14.7554, 1.9639



0.5164, 0.5101, 0.0712

Inverse Universe

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



14.8713, 14.2824, 42.0172



22.1506, 19.6454, 75.2613



12.6492, 8.4446, 41.0075



7.8106, 8.2205, 10.1278



6.9173, 4.9685, 29.6389



0.2456, 0.2445, 0.8422

Previews

White Background



This preview shows how the XYZ color 26.9348, 26.4305, 8.6830 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 26.9348, 26.4305, 8.6830 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 26.9348, 26.4305, 8.6830

Background



This preview shows how black text looks on a background with the XYZ color 26.9348, 26.4305, 8.6830.



This preview shows how white text looks on a background with the XYZ color 26.9348, 26.4305,

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

26.9348, 26.4305, 8.6830

Protanopia

24.2483, 26.5229, 9.1516

Deuteranopia

26.9348, 26.4305, 8.6830



Tritanopia

30.4952, 26.2830, 26.7584

Trichromacy



Original Color

26.9348, 26.4305, 8.6830

Protanomaly

25.1761, 26.3568, 8.9147

Deuteranomaly

26.9348, 26.4305, 8.6830

Tritanomaly

28.7962, 26.1734, 18.2861

Monochromacy



Original Color

26.9348, 26.4305, 8.6830

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5774, 25.6183, 18.6884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9348, 26.4305, 8.6830 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, 134, 65)` looks like.

```
.text, #text, p{  
    color:rgb(174, 134, 65)  
}
```

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, 134, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 65) }
```

Border

The CSS property to change the border of an element to XYZ 26.9348, 26.4305, 8.6830 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, 134, 65) }
```


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

```
.border{ border-color:rgb(174, 134, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 134, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 134, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 134, 65);  
box-shadow:4px 4px 4px 4px rgb(174, 134,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9348, 26.4305, 8.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 65) }
```

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

```
.background{ background-color: rgb(174,  
134, 65) }
```

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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