

Converting Colors

XYZ(26.7126, 26.1215, 8.1915)

Have a look what the booklet for
XYZ(26.7126, 26.1215, 8.1915)
contains.

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Color

**XYZ(26.7126, 26.1215,
8.1915)**

Conversions

Conversions Part 1

Format	Color
Hex	AE853E
RGB	174, 133, 62
RGB Percent	68%, 52%, 24%
CMY	0.3176, 0.4784, 0.7569
CMYK	0.00, 0.24, 0.64, 0.32
HSL	38°, 47%, 46%
HSV	38°, 64%, 68%
XYZ	26.7126, 26.1215, 8.1915
YIQ	137.1650, 47.2270, -13.3890

Conversions

Conversions Part 2

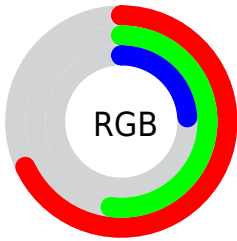
Format	Color
R_{YB}	127, 174, 62
Decimal	11437374
CIE _{Lab}	58.15, 7.89, 43.42
CIE _{LCh}	58, 44.130, 79.698
Yxy	26.1215, 0.4377, 0.4280
Android (android.graphics.Color)	4289627454 (0xFFAE853E)
YUV	137.1650, -37.0563, 32.3043
Hunter-Lab	51.1092, 3.8533, 26.2738

Details

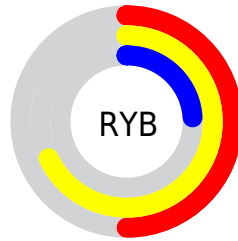
The XYZ color **26.7126, 26.1215, 8.1915** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.4767, 13.7801, 41.9411**, and the grayscale version is **23.9642, 25.2122, 27.4561**.

A 20% lighter version of the original color is **53.7622, 53.4435, 22.8113**, and **10.6963, 10.2141, 1.6949** is the 20% darker color. If you saturate the color by 10%, you get **25.4639, 24.2698, 5.7851**, and if you desaturate by 10%, it is **28.1683, 28.1426, 11.4216**.

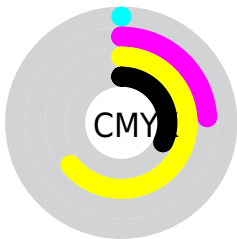
Distribution



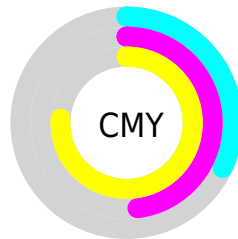
- Red (68%)
- Green (52%)
- Blue (24%)



- Red (50%)
- Yellow (68%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (64%)
- Black (32%)





- Cyan (32%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7126, 26.1215, 8.1915 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 26.7126, 26.1215, 8.1915 by changing the saturation by 10% instead.


 26.7126, 26.1215,
8.1915


 26.7126, 26.1215,
8.1915


278.4559,
283.3780, 187.2168


 17.4930, 16.9146,
4.1282


 53.8455, 53.4709,
22.8854


 10.6841, 10.1736,
1.6959


 72.4894, 72.3821,
34.3530

 5.9205, 5.5142,
0.3579

 95.0056, 95.2969,
49.1258

 2.8370, 2.5520,
0.0000

 121.7592,
122.5997, 67.6224

 1.0682, 0.9026,
0.0000

 153.1157,
154.6747, 90.2612

 0.0000, 0.0000,
0.0000

 189.4404,

191.9066, 117.4609

231.0987,
234.6795, 149.6399

■ 26.7126, 26.1215,
8.1915

■ 26.7126, 26.1215,
8.1915

■ 25.4639, 24.2698,
5.7851

■ 28.1683, 28.1426,
11.4216

■ 24.4042, 22.5759,
4.1206

■ 29.8432, 30.3365,
15.5436

■ 23.5150, 21.0316,
3.1016

■ 31.7506, 32.7109,
20.6204

■ 23.0649, 20.2174,
2.6867

■ 33.9022, 35.2717,
26.7086

■ 36.3085, 38.0247,
33.8605

■ 38.9796, 40.9751,
42.1246

■ 41.9250, 44.1280,
51.5465

■ 45.1534, 47.4882,
62.1693

■ 48.6734, 51.0603,
74.0337

Harmonies

Analogous

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



32.0912, 26.1215, 11.3744



26.7126, 26.1215, 8.1915



21.5202, 26.1215, 8.7482

Triad

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



26.7126, 26.1215, 8.1915



16.3497, 26.1215, 39.5689



33.5254, 26.1215, 52.0616

Complementary

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



26.7126, 26.1215, 8.1915



14.4767, 13.7801, 41.9411

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.



28.4578, 26.1215, 66.1577



26.7126, 26.1215, 8.1915



18.7523, 26.1215, 57.3351

Square

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



26.7126, 26.1215, 8.1915



16.0219, 26.1215, 23.4932



23.0336, 26.1215, 68.3741



36.3824, 26.1215, 34.0408

Rectangle

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



26.7126, 26.1215, 8.1915



18.8213, 26.1215, 11.2664



23.0336, 26.1215, 68.3741



31.9927, 26.1215, 57.6541

Sweetspot

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



26.7132, 26.1228, 8.1920



63.6323, 66.4475, 54.7256



21.6298, 13.4248, 14.3011



13.8744, 14.4598, 11.3701



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.



26.7132, 26.1228, 8.1920



45.3816, 42.7614, 9.1342



30.3169, 37.9976, 10.2941



8.4124, 8.8297, 8.4743



16.7872, 14.7798, 1.9680



0.5167, 0.5106, 0.0713

Inverse Universe

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



14.4767, 13.7801, 41.9411



21.5489, 18.8072, 75.1313



12.4180, 8.0766, 40.9487



7.8100, 8.2194, 10.1276



6.9109, 4.9556, 29.6368



0.2453, 0.2440, 0.8422

Previews

White Background



This preview shows how the XYZ color 26.7126, 26.1215, 8.1915 looks on a white background.

Color Contrast Check

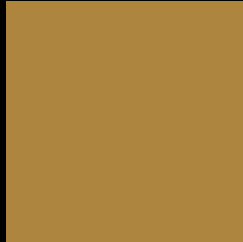
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7126, 26.1215, 8.1915 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 26.7126, 26.1215, 8.1915

Background



This preview shows how black text looks on a background with the XYZ color 26.7126, 26.1215, 8.1915.



This preview shows how white text looks on a background with the XYZ color 26.7126, 26.1215,

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

26.7126, 26.1215, 8.1915

Protanopia

23.8211, 26.0949, 8.6318

Deuteranopia

26.4906, 26.0071, 8.1811



Tritanopia

30.2972, 26.0002, 26.3434

Trichromacy



Original Color

26.7126, 26.1215, 8.1915

Protanomaly

24.7432, 25.9316, 8.4038

Deuteranomaly

26.4906, 26.0071, 8.1811

Tritanomaly

28.5574, 25.8682, 17.6753

Monochromacy



Original Color

26.7126, 26.1215, 8.1915

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1963, 25.2181, 18.3442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7126, 26.1215, 8.1915 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, 133, 62)` looks like.

```
.text, #text, p{  
    color:rgb(174, 133, 62)  
}
```

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, 133, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 133, 62) }
```

Border

The CSS property to change the border of an element to XYZ 26.7126, 26.1215, 8.1915 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, 133, 62) }
```


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

```
.border{ border-color:rgb(174, 133, 62) }
```

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

Here you see how a box with a 4 pixel rgb(174, 133, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 133, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 133, 62);  
box-shadow:4px 4px 4px 4px rgb(174, 133,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7126, 26.1215, 8.1915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 133, 62) }
```

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

```
.background{ background-color: rgb(174,  
133, 62) }
```

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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