

Converting Colors

XYZ(26.5327, 26.0496, 7.2441)

Have a look what the booklet for
XYZ(26.5327, 26.0496, 7.2441)
contains.

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Color

**XYZ(26.5327, 26.0496,
7.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8537
RGB	174, 133, 55
RGB Percent	68%, 52%, 22%
CMY	0.3176, 0.4784, 0.7843
CMYK	0.00, 0.24, 0.68, 0.32
HSL	39°, 52%, 45%
HSV	39°, 68%, 68%
XYZ	26.5327, 26.0496, 7.2441
YIQ	136.3670, 49.4740, -15.5660

Conversions

Conversions Part 2

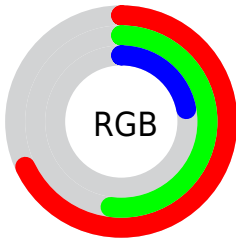
Format	Color
R_{YB}	118, 174, 55
Decimal	11437367
CIE _{Lab}	58.08, 7.45, 46.69
CIE _{LCh}	58, 47.281, 80.936
Yxy	26.0496, 0.4435, 0.4354
Android (android.graphics.Color)	4289627447 (0xFFAE8537)
YUV	136.3670, -40.1139, 33.0041
Hunter-Lab	51.0388, 3.4759, 27.3119

Details

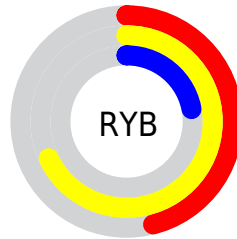
The XYZ color **26.5327, 26.0496, 7.2441** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **13.3982, 12.2335, 41.6993**, and the grayscale version is **23.6730, 24.9059, 27.1225**.

A 20% lighter version of the original color is **53.4391, 53.3142, 21.1098**, and **10.6415, 10.1922, 1.4064** is the 20% darker color. If you saturate the color by 10%, you get **25.3897, 24.3175, 5.1558**, and if you desaturate by 10%, it is **27.8708, 27.9368, 10.1233**.

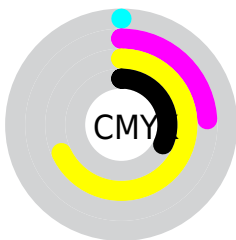
Distribution



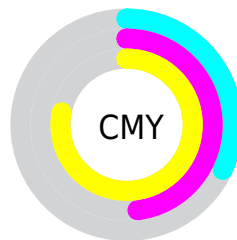
- Red (68%)
- Green (52%)
- Blue (22%)



- Red (46%)
- Yellow (68%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (32%)





- Cyan (32%)
- Magenta (48%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5327, 26.0496, 7.2441 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 26.5327, 26.0496, 7.2441 by changing the saturation by 10% instead.


 26.5327, 26.0496,
7.2441


 26.5327, 26.0496,
7.2441

277.5964,
283.0255, 179.3840


 17.3573, 16.8608,
3.5345


 53.5583, 53.3550,
20.9838


 10.5865, 10.1353,
1.3736


 72.1392, 72.2402,
31.8509

 5.8547, 5.4887,
0.1210

 94.5861, 95.1265,
45.9410

 2.7968, 2.5368,
0.0000

 121.2642,
122.3980, 63.6725

 1.0472, 0.8950,
0.0000

 152.5389,
154.4393, 85.4640

 0.0000, 0.0000,
0.0000

 188.7756,

191.6347, 111.7341

230.3396,
234.3686, 142.9013

■ 26.5327, 26.0496,
7.2441

■ 26.5327, 26.0496,
7.2441

■ 25.3897, 24.3175,
5.1558

■ 27.8708, 27.9368,
10.1233

■ 24.4229, 22.7286,
3.7711

■ 29.4169, 29.9823,
13.8655

■ 23.6041, 21.2712,
2.9422

■ 31.1846, 32.1937,
18.5362

■ 23.4791, 21.0460,
2.8248

■ 33.1857, 34.5770,
24.1941

■ 35.4311, 37.1377,
30.8929

■ 37.9310, 39.8809,
38.6828

■ 40.6947, 42.8114,
47.6102

■ 43.7314, 45.9340,
57.7193

■ 47.0495, 49.2530,
69.0515

Harmonies

Analogous

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



32.3569, 26.0496, 10.2634



26.5327, 26.0496, 7.2441



21.0338, 26.0496, 7.9442

Triad

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



26.5327, 26.0496, 7.2441



15.8426, 26.0496, 41.1724



34.3178, 26.0496, 53.2029

Complementary

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



26.5327, 26.0496, 7.2441



13.3982, 12.2335, 41.6993

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.



28.9007, 26.0496, 69.1234



26.5327, 26.0496, 7.2441



18.4552, 26.0496, 60.5211

Square

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



26.5327, 26.0496, 7.2441



15.4094, 26.0496, 23.6853



23.0669, 26.0496, 72.2220



37.2852, 26.0496, 33.6206

Rectangle

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



26.5327, 26.0496, 7.2441



18.2299, 26.0496, 10.6028



23.0669, 26.0496, 72.2220



32.6870, 26.0496, 59.4316

Sweetspot

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



26.5333, 26.0509, 7.2446



63.0069, 65.9452, 52.2099



20.9632, 12.5878, 12.5490



13.7577, 14.3769, 10.8672



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.



26.5333, 26.0509, 7.2446



45.1290, 42.6190, 7.9319



29.5650, 37.6307, 9.3199



8.4269, 8.8585, 8.4791



17.0866, 15.3786, 2.0678



0.5236, 0.5245, 0.0736

Inverse Universe

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



13.3982, 12.2335, 41.6993



19.8145, 16.1071, 74.7015



11.7427, 7.1993, 40.8149



7.7961, 8.1916, 10.1229



6.7618, 4.6574, 29.5871



0.2400, 0.2333, 0.8404

Previews

White Background



This preview shows how the XYZ color 26.5327, 26.0496, 7.2441 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 26.5327, 26.0496, 7.2441 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 26.5327, 26.0496, 7.2441

Background



This preview shows how black text looks on a background with the XYZ color 26.5327, 26.0496, 7.2441.



This preview shows how white text looks on a background with the XYZ color 26.5327, 26.0496,

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

26.5327, 26.0496, 7.2441

Protanopia

23.8269, 26.1195, 7.6566

Deuteranopia

26.5327, 26.0496, 7.2441



Tritanopia

30.4591, 26.0918, 25.9851

Trichromacy



Original Color

26.5327, 26.0496, 7.2441

Protanomaly

24.7637, 25.9634, 7.4476

Deuteranomaly

26.5327, 26.0496, 7.2441

Tritanomaly

28.6291, 25.9232, 16.8594

Monochromacy



Original Color

26.5327, 26.0496, 7.2441

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8955, 24.8735, 17.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5327, 26.0496, 7.2441 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(174, 133, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 133, 55) }
```

Border

The CSS property to change the border of an element to XYZ 26.5327, 26.0496, 7.2441 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, 55) }
```


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

```
.border{ border-color:rgb(174, 133, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 133, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 133, 55);  
box-shadow:4px 4px 4px 4px rgb(174, 133,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5327, 26.0496, 7.2441 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, 55) }
```

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

```
.background{ background-color: rgb(174,  
133, 55) }
```

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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