

Converting Colors

XYZ(26.4450, 25.3073, 12.4225)

Have a look what the booklet for
XYZ(26.4450, 25.3073, 12.4225)
contains.

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Color

**XYZ(26.4975, 25.3113,
12.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8257
RGB	171, 130, 87
RGB Percent	67%, 51%, 34%
CMY	0.3294, 0.4902, 0.6588
CMYK	0.00, 0.24, 0.49, 0.33
HSL	31°, 33%, 51%
HSV	31°, 49%, 67%
XYZ	26.4975, 25.3113, 12.5058
YIQ	137.3570, 38.2390, -4.6810

Conversions

Conversions Part 2

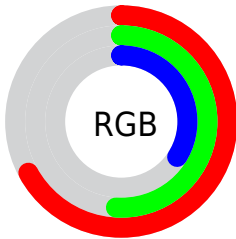
Format	Color
R_{YB}	167, 171, 87
Decimal	11240023
CIE _{Lab}	57.38, 10.35, 29.29
CIE _{LCh}	57, 31.069, 70.542
Yxy	25.3113, 0.4120, 0.3936
Android (android.graphics.Color)	4289430103 (0xFFAB8257)
YUV	137.3570, -24.8260, 29.5049
Hunter-Lab	50.3103, 5.9695, 20.4793

Details

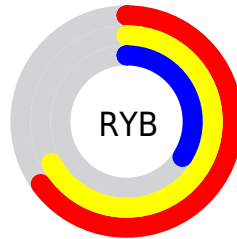
The XYZ color **26.4975, 25.3113, 12.5058** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.0000, 20.4040, 41.4649**, and the grayscale version is **23.9945, 25.2441, 27.4909**.

A 20% lighter version of the original color is **53.4438, 52.1671, 30.9194**, and **10.5279, 9.7511, 3.3347** is the 20% darker color. If you saturate the color by 10%, you get **24.8146, 22.9343, 8.8969**, and if you desaturate by 10%, it is **28.4372, 27.9370, 17.0173**.

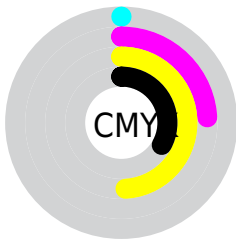
Distribution



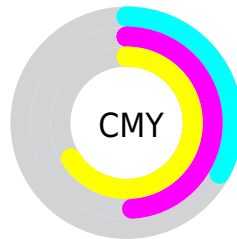
- Red (67%)
- Green (51%)
- Blue (34%)



- Red (65%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4975, 25.3113, 12.5058 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 26.4975, 25.3113, 12.5058 by changing the saturation by 10% instead.

 26.4975, 25.3113,
12.5058


 26.4975, 25.3113,
12.5058


277.4279,
279.3847, 218.8211


 17.3308, 16.3091,
6.9624


 53.5021, 52.1618,
31.0911


 10.5674, 9.7432,
3.3605


 72.0706, 70.7789,
44.9701


 5.8419, 5.2290,
1.2815

 94.5039, 93.3698,
62.4647

 2.7889, 2.3822,
0.0466

 121.1672,
120.3189, 83.9935

 1.0431, 0.8167,
0.0000

 152.4259,
152.0105, 109.9750

 0.0000, 0.0000,
0.0000

188.6454,

188.8291, 140.8277

230.1909,
231.1590, 176.9702

■ 26.4975, 25.3113,
12.5058

■ 26.4975, 25.3113,
12.5058

■ 24.8146, 22.9343,
8.8969

■ 28.4372, 27.9370,
17.0173

■ 23.3727, 20.7934,
6.1259

■ 30.6445, 30.8162,
22.4869

■ 22.1567, 18.8801,
4.1217

■ 33.1320, 33.9581,
28.9676

■ 21.1486, 17.1833,
2.8005

■ 35.9107, 37.3700,
36.5077

■ 20.3152, 15.6861,
2.0001

■ 38.9908, 41.0591,
45.1527

■ 20.2469, 15.5627,
1.9368

■ 42.3823, 45.0322,
54.9452

■ 46.0944, 49.2960,
65.9257

■ 50.1360, 53.8567,
78.1326

■ 54.5157, 58.7205,
91.6025

Harmonies

Analogous

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



29.8576, 25.3113, 16.3564



26.4975, 25.3113, 12.5058



22.7837, 25.3113, 12.0295

Triad

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



26.4975, 25.3113, 12.5058



17.7390, 25.3113, 31.4439



28.9665, 25.3113, 46.0486

Complementary

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



26.4975, 25.3113, 12.5058



19.0000, 20.4040, 41.4649

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.



25.3782, 25.3113, 52.7289



26.4975, 25.3113, 12.5058



19.0621, 25.3113, 42.9766

Square

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



26.4975, 25.3113, 12.5058



17.9729, 25.3113, 21.3341



21.7723, 25.3113, 51.4798



31.3807, 25.3113, 34.8920

Rectangle

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



26.4975, 25.3113, 12.5058



20.6317, 25.3113, 13.5102



21.7723, 25.3113, 51.4798



27.8432, 25.3113, 49.0067

Sweetspot

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



26.4981, 25.3125, 12.5063



61.1945, 63.1161, 56.8585



24.1653, 17.0595, 22.7882



13.4247, 13.8010, 12.0824



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.4981, 25.3125, 12.5063



44.1864, 40.7036, 15.4159



33.0777, 38.4718, 14.6995



8.3315, 8.6678, 8.4473



15.3162, 11.8378, 1.4777



0.4807, 0.4385, 0.0593

Inverse Universe

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



19.0000, 20.4040, 41.4649



29.1697, 30.8773, 73.4244



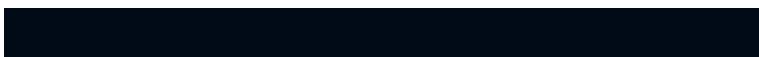
14.6896, 11.7832, 40.0281



7.8894, 8.3783, 10.1540



7.9520, 7.0379, 29.9838



0.2761, 0.3056, 0.8524

Previews

White Background



This preview shows how the XYZ color 26.4975, 25.3113, 12.5058 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 26.4975, 25.3113, 12.5058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

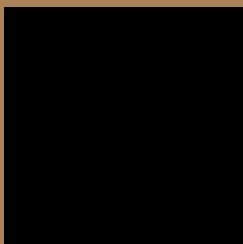
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4975, 25.3113, 12.5058

Background



This preview shows how black text looks on a background with the XYZ color 26.4975, 25.3113, 12.5058.



This preview shows how white text looks on a background with the XYZ color 26.4975, 25.3113,

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

26.4975, 25.3113, 12.5058

Protanopia

23.5116, 25.3992, 13.3362

Deuteranopia

25.9079, 25.4061, 12.5552



Tritanopia

29.1899, 25.2505, 25.8896

Trichromacy



Original Color

26.4975, 25.3113, 12.5058

Protanomaly

24.5677, 25.3183, 13.0433

Deuteranomaly

25.9850, 25.2456, 12.5201

Tritanomaly

28.1273, 25.2047, 20.2122

Monochromacy



Original Color

26.4975, 25.3113, 12.5058

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2493, 24.7717, 20.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4975, 25.3113, 12.5058 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(171, 130, 87)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 87)  
}
```

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(171, 130, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.4975, 25.3113, 12.5058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

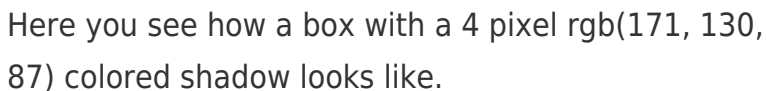
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 130, 87) }
```


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

```
.border{ border-color:rgb(171, 130, 87) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 130, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 130, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 130, 87); box-shadow:4px 4px 4px 4px rgb(171, 130, 87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4975, 25.3113, 12.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 87) }
```

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

```
.background{ background-color: rgb(171,  
130, 87) }
```

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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