

Converting Colors

XYZ(25.9836, 21.2502, 15.6558)

Have a look what the booklet for
XYZ(25.9836, 21.2502, 15.6558)
contains.

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Color

**XYZ(26.0483, 21.2637,
15.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	B16D67
RGB	177, 109, 103
RGB Percent	69%, 43%, 40%
CMY	0.3059, 0.5725, 0.5961
CMYK	0.00, 0.38, 0.42, 0.31
HSL	5°, 32%, 55%
HSV	5°, 42%, 69%
XYZ	26.0483, 21.2637, 15.5634
YIQ	128.6480, 42.4540, 12.5500

Conversions

Conversions Part 2

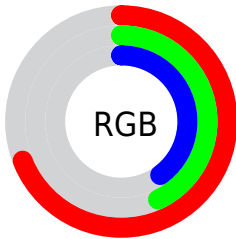
Format	Color
RYB	177, 110, 103
Decimal	11627879
CIELab	53.24, 26.34, 14.80
CIElCh	53, 30.215, 29.335
Yxy	21.2637, 0.4143, 0.3382
Android (android.graphics.Color)	4289817959 (0xFFB16D67)
YUV	128.6480, -12.6445, 42.4047
Hunter-Lab	46.1126, 20.1349, 12.2679

Details

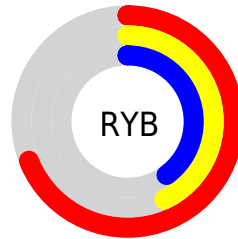
The XYZ color **26.0483, 21.2637, 15.5634** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0915, 35.1822, 46.9052**, and the grayscale version is **20.7761, 21.8581, 23.8035**.

A 20% lighter version of the original color is **52.8386, 45.4850, 36.5664**, and **10.3557, 7.6548, 4.6731** is the 20% darker color. If you saturate the color by 10%, you get **23.6748, 17.7911, 10.8434**, and if you desaturate by 10%, it is **28.9320, 25.4557, 21.3817**.

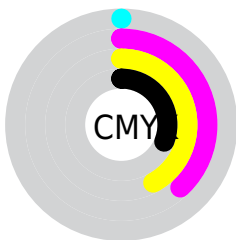
Distribution



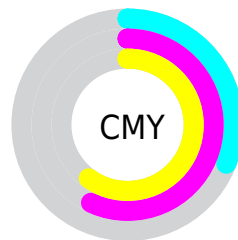
- Red (69%)
- Green (43%)
- Blue (40%)



- Red (69%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0483, 21.2637, 15.5634 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 26.0483, 21.2637, 15.5634 by changing the saturation by 10% instead.


 26.0483, 21.2637,
15.5634


 26.0483, 21.2637,
15.5634


275.2715,
258.6766, 238.5086


 16.9926, 13.3169,
9.0647


 52.7836, 45.5260,
36.5947


 10.3245, 7.6471,
4.6860


 71.1940, 62.6103,
51.9645

 5.6786, 3.8700,
2.0088

 93.4533, 83.5092,
71.1284

 2.6894, 1.6011,
0.5607

 119.9269,
108.6071, 94.5050

 0.9917, 0.3583,
0.0000

150.9801,
138.2884, 122.5127

 0.0000, 0.0000,
0.0000

186.9784,

172.9374, 155.5702

228.2871,
212.9387, 194.0960

■ 26.0483, 21.2637,
15.5634

■ 26.0483, 21.2637,
15.5634

■ 23.6748, 17.7911,
10.8434

■ 28.9320, 25.4557,
21.3817

■ 21.7801, 14.9945,
7.1515

■ 32.3516, 30.4010,
28.3601

■ 20.3321, 12.8307,
4.4114


■ 36.3329, 36.1352,
36.5572


■ 19.2937, 11.2501,
2.5355


■ 40.8998, 42.6908,
46.0272


■ 18.6220, 10.1959,
1.4200

■ 46.0744, 50.0984,
56.8213

 18.2934, 9.6710,
0.9025

 51.8781, 58.3869,
68.9876

 58.3311, 67.5840,
82.5720

 65.4524, 77.7162,
97.6181

 71.9414, 88.0871,
107.8185

Harmonies

Analogous

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



26.9912, 21.2637, 23.3572



26.0483, 21.2637, 15.5634



23.5058, 21.2637, 11.0837

Triad

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



26.0483, 21.2637, 15.5634



15.3767, 21.2637, 15.2937



20.1393, 21.2637, 45.5569

Complementary

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



26.0483, 21.2637, 15.5634



28.0915, 35.1822, 46.9052

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.



17.2385, 21.2637, 41.8063



26.0483, 21.2637, 15.5634



14.6727, 21.2637, 22.9491

Square

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



26.0483, 21.2637, 15.5634



17.3498, 21.2637, 10.9593



15.3174, 21.2637, 32.8778



23.3696, 21.2637, 42.1096

Rectangle

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



26.0483, 21.2637, 15.5634



21.3680, 21.2637, 9.8167



15.3174, 21.2637, 32.8778



19.0956, 21.2637, 45.0835

Sweetspot

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



26.0488, 21.2648, 15.5638



63.9997, 63.1762, 63.2596



30.4346, 22.0289, 41.7112



13.5232, 13.1925, 12.9944



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.



26.0488, 21.2648, 15.5638



42.7683, 32.4029, 20.1446



30.6949, 30.5569, 17.1125



8.5499, 8.6124, 8.8643



13.2734, 7.0454, 0.6603



0.4358, 0.2580, 0.0268

Inverse Universe

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



28.0915, 35.1822, 46.9052



46.8931, 60.5989, 83.7205



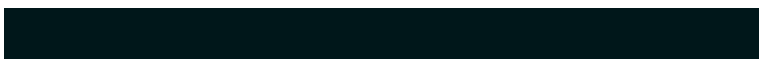
22.2028, 23.4046, 44.9422



8.6825, 9.5112, 10.8846



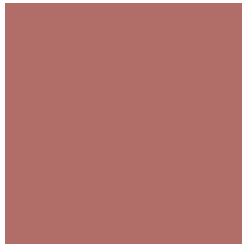
15.2137, 21.2278, 33.4325



0.4959, 0.7024, 1.0577

Previews

White Background



This preview shows how the XYZ color 26.0483, 21.2637, 15.5634 looks on a white background.

Color Contrast Check

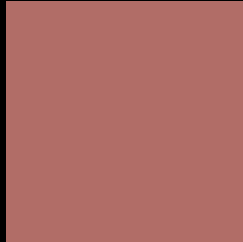
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0483, 21.2637, 15.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

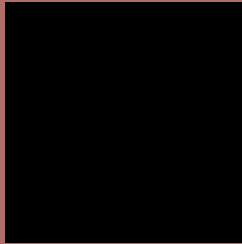
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0483, 21.2637, 15.5634

Background



This preview shows how black text looks on a background with the XYZ color 26.0483, 21.2637, 15.5634.



This preview shows how white text looks on a background with the XYZ color 26.0483, 21.2637,

15.5634.

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

26.0483, 21.2637, 15.5634

Protanopia

20.1869, 21.3351, 18.3834

Deuteranopia

21.7029, 21.2482, 15.2694



Tritanopia

26.7123, 21.2182, 18.9073

Trichromacy



Original Color

26.0483, 21.2637, 15.5634

Protanomaly

21.8712, 20.9266, 17.3545

Deuteranomaly

23.0576, 21.0528, 15.4187

Tritanomaly

26.5919, 21.3378, 17.7560

Monochromacy



Original Color

26.0483, 21.2637, 15.5634

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2038, 21.3861, 20.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0483, 21.2637, 15.5634 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(177, 109, 103)` looks like.

```
.text, #text, p{  
    color:rgb(177, 109, 103)  
}
```

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(177, 109, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 109, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.0483, 21.2637, 15.5634 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(177, 109, 103) }
```


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

```
.border{ border-color:rgb(177, 109, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 109, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 109, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 109, 103);  
box-shadow:4px 4px 4px 4px rgb(177, 109,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0483, 21.2637, 15.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 109, 103) }
```

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

```
.background{ background-color: rgb(177,  
109, 103) }
```

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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