

Converting Colors

XYZ(26.5950, 24.4691, 15.8154)

Have a look what the booklet for
XYZ(26.5950, 24.4691, 15.8154)
contains.

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Color

**XYZ(26.6537, 24.5389,
15.9021)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7E66
RGB	171, 126, 102
RGB Percent	67%, 49%, 40%
CMY	0.3294, 0.5059, 0.6000
CMYK	0.00, 0.26, 0.40, 0.33
HSL	21°, 29%, 54%
HSV	21°, 40%, 67%
XYZ	26.6537, 24.5389, 15.9021
YIQ	136.7190, 34.5240, 2.0760

Conversions

Conversions Part 2

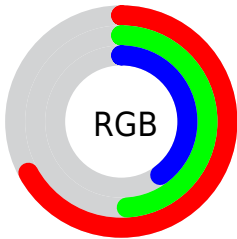
Format	Color
R_{YB}	171, 139, 102
Decimal	11239014
CIE _{Lab}	56.62, 14.24, 19.89
CIE _{LCh}	57, 24.461, 54.396
Yxy	24.5389, 0.3973, 0.3657
Android (android.graphics.Color)	4289429094 (0xFFAB7E66)
YUV	136.7190, -17.1165, 30.0644
Hunter-Lab	49.5368, 9.3542, 15.6427

Details

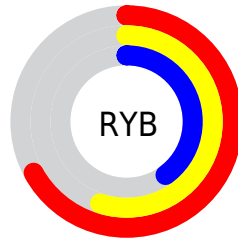
The XYZ color **26.6537, 24.5389, 15.9021** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2636, 26.6316, 42.4423**, and the grayscale version is **23.7257, 24.9613, 27.1828**.

A 20% lighter version of the original color is **53.8648, 51.0341, 37.1486**, and **10.6796, 9.3655, 4.8593** is the 20% darker color. If you saturate the color by 10%, you get **24.5443, 21.5402, 11.4378**, and if you desaturate by 10%, it is **29.0982, 27.9279, 21.3417**.

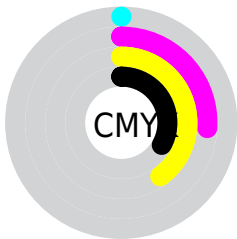
Distribution



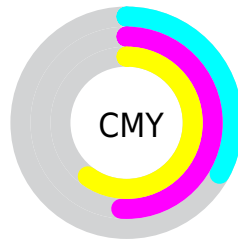
- Red (67%)
- Green (49%)
- Blue (40%)



- Red (67%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6537, 24.5389, 15.9021 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 26.6537, 24.5389, 15.9021 by changing the saturation by 10% instead.

■ 26.6537, 24.5389,
15.9021

■ 26.6537, 24.5389,
15.9021

278.1747,
275.5338, 240.5893

■ 17.4486, 15.7339,
9.3013

■ 53.7515, 50.9082,
37.1926

■ 10.6521, 9.3360,
4.8387

■ 72.3748, 69.2412,
52.7193

■ 5.8990, 4.9610,
2.0959

■ 94.8683, 91.5190,
72.0585

■ 2.8238, 2.2244,
0.6133

■ 121.5972,
118.1261, 95.6286

■ 1.0613, 0.7332,
0.0000

152.9270,
149.4466, 123.8482

■ 0.0000, 0.0000,
0.0000

189.2229,

185.8652, 157.1358

230.8503,
227.7661, 195.9100

■ 26.6537, 24.5389,
15.9021

■ 26.6537, 24.5389,
15.9021

■ 24.5443, 21.5402,
11.4378

■ 29.0982, 27.9279,
21.3417

■ 22.7523, 18.9135,
7.8886

■ 31.8910, 31.7175,
27.8089

■ 21.2606, 16.6443,
5.1897

■ 35.0464, 35.9220,
35.3541

■ 20.0498, 14.7155,
3.2670

■ 38.5776, 40.5539,
44.0240

■ 19.0976, 13.1082,
2.0337

■ 42.4970, 45.6253,
53.8623

■ 18.3837, 11.8361,
1.3157

■ 46.8165, 51.1476,
64.9106

■ 51.5473, 57.1318,
77.2082

■ 56.7004, 63.5885,
90.7929

■ 62.1406, 70.4700,
104.9346

Harmonies

Analogous

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



28.6658, 24.5389, 20.7587



26.6537, 24.5389, 15.9021



23.8615, 24.5389, 13.9680

Triad

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



26.6537, 24.5389, 15.9021



18.2941, 24.5389, 25.2185



25.6556, 24.5389, 43.6674

Complementary

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



26.6537, 24.5389, 15.9021



23.2636, 26.6316, 42.4423

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.



22.7936, 24.5389, 45.5293



26.6537, 24.5389, 15.9021



18.6899, 24.5389, 33.7225

Square

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



26.6537, 24.5389, 15.9021



19.1544, 24.5389, 18.5998



20.2829, 24.5389, 41.5799



28.0575, 24.5389, 36.9113

Rectangle

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



26.6537, 24.5389, 15.9021



21.9903, 24.5389, 14.2403



20.2829, 24.5389, 41.5799



24.7095, 24.5389, 44.9372

Sweetspot

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



26.6543, 24.5401, 15.9026



61.6637, 62.8750, 60.6511



26.8914, 20.2991, 30.5179



13.5887, 13.8057, 13.1340



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.



26.6543, 24.5401, 15.9026



44.4880, 39.3408, 21.5778



31.6772, 34.5859, 17.5769



8.2246, 8.4540, 8.4117



13.9038, 9.0131, 1.0069



0.4389, 0.3549, 0.0454

Inverse Universe

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



23.2636, 26.6316, 42.4423



37.5909, 43.5518, 75.4270



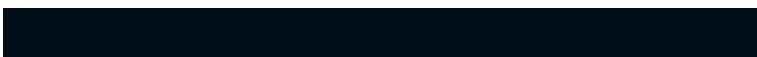
18.7915, 17.6875, 40.9517



7.9983, 8.5959, 10.1903



9.9195, 10.9729, 30.6397



0.3245, 0.4024, 0.8685

Previews

White Background



This preview shows how the XYZ color 26.6537, 24.5389, 15.9021 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 26.6537, 24.5389, 15.9021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

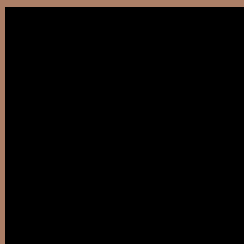
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6537, 24.5389, 15.9021

Background



This preview shows how black text looks on a background with the XYZ color 26.6537, 24.5389, 15.9021.



This preview shows how white text looks on a background with the XYZ color 26.6537, 24.5389,

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

26.6537, 24.5389, 15.9021

Protanopia

23.0827, 24.6687, 17.1806

Deuteranopia

25.0295, 24.4819, 15.7182



Tritanopia

28.5118, 24.5564, 24.7099

Trichromacy



Original Color

26.6537, 24.5389, 15.9021

Protanomaly

24.1275, 24.3925, 16.8012

Deuteranomaly

25.7163, 24.6394, 15.7124

Tritanomaly

27.7067, 24.4062, 21.0199

Monochromacy



Original Color

26.6537, 24.5389, 15.9021

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4200, 24.6199, 22.5338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6537, 24.5389, 15.9021 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, 126, 102)` looks like.

```
.text, #text, p{  
    color:rgb(171, 126, 102)  
}
```

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, 126, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 126, 102) }
```

Border

The CSS property to change the border of an element to XYZ 26.6537, 24.5389, 15.9021 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, 126, 102) }
```


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

```
.border{ border-color:rgb(171, 126, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 126, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 126, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 126, 102);  
box-shadow:4px 4px 4px 4px rgb(171, 126,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6537, 24.5389, 15.9021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 126, 102) }
```

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

```
.background{ background-color: rgb(171,  
126, 102) }
```

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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