

Converting Colors

XYZ(26.7885, 24.5820, 25.4523)

Have a look what the booklet for
XYZ(26.7885, 24.5820, 25.4523)
contains.

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Color

**XYZ(26.7233, 24.5536,
25.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	A27F85
RGB	162, 127, 133
RGB Percent	64%, 50%, 52%
CMY	0.3647, 0.5019, 0.4784
CMYK	0.00, 0.22, 0.18, 0.36
HSL	350°, 16%, 57%
HSV	350°, 22%, 64%
XYZ	26.7233, 24.5536, 25.5211
YIQ	138.1490, 18.9340, 9.2860

Conversions

Conversions Part 2

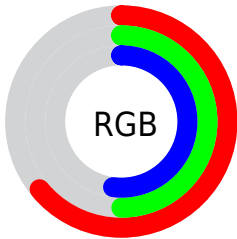
Format	Color
RYB	162, 127, 133
Decimal	10649477
CIELab	56.64, 14.46, 1.92
CIELCh	57, 14.591, 7.579
Yxy	24.5536, 0.3480, 0.3197
Android (android.graphics.Color)	4288839557 (0xFFA27F85)
YUV	138.1490, -2.5385, 20.9173
Hunter-Lab	49.5516, 9.5502, 4.1493

Details

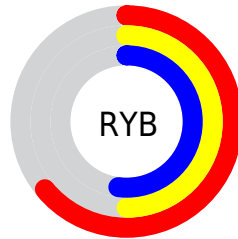
The XYZ color **26.7233, 24.5536, 25.5211** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6745, 32.7536, 36.3177**, and the grayscale version is **24.2192, 25.4805, 27.7483**.

A 20% lighter version of the original color is **53.7995, 50.9394, 53.4511**, and **10.7550, 9.4039, 9.6358** is the 20% darker color. If you saturate the color by 10%, you get **23.9280, 20.3534, 20.3023**, and if you desaturate by 10%, it is **29.9750, 29.4763, 31.4774**.

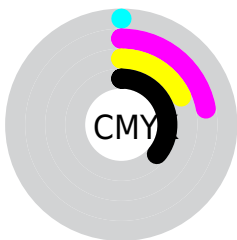
Distribution



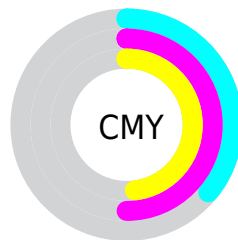
- Red (64%)
- Green (50%)
- Blue (52%)



- Red (64%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (36%)



- Cyan (36%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7233, 24.5536, 25.5211 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 26.7233, 24.5536, 25.5211 by changing the saturation by 10% instead.

■ 26.7233, 24.5536,
25.5211

■ 26.7233, 24.5536,
25.5211

278.5069,
275.6075, 293.9535

■ 17.5010, 15.7448,
16.2432

■ 53.8626, 50.9321,
53.4759

■ 10.6899, 9.3437,
9.5402

■ 72.5103, 69.2706,
72.9899

■ 5.9244, 4.9661,
4.9936

■ 95.0305, 91.5544,
96.7529

■ 2.8394, 2.2274,
2.1848

121.7886,
118.1680, 125.1836

■ 1.0694, 0.7349,
0.6656

153.1499,
149.4957, 158.7005

■ 0.0000, 0.0000,
0.0000

189.4799,

185.9219, 197.7221

231.1437,
227.8310, 242.6669

■ 26.7233, 24.5536,
25.5211

■ 26.7233, 24.5536,
25.5211

■ 23.9280, 20.3534,
20.3023

■ 29.9750, 29.4763,
31.4774

■ 21.5665, 16.8385,
15.7908

■ 33.7001, 35.1497,
38.1969

■ 19.6173, 13.9733,
11.9561


■ 37.9175, 41.6048,
45.7060


■ 18.0565, 11.7179,
8.7654


■ 42.6444, 48.8697,
54.0292


■ 16.8574, 10.0277,
6.1828


■ 47.8969, 56.9711,
63.1902


 15.9899, 8.8521,
4.1688

 53.6907, 65.9345,
73.2114

 15.4189, 8.1316,
2.6791

 60.0406, 75.7844,
84.1146

 15.1071, 7.7641,
1.7859

 66.4472, 85.5161,
95.7494

 68.5207, 86.3455,
106.6683

Harmonies

Analogous

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



26.4853, 24.5536, 30.4592



26.7233, 24.5536, 25.5211



26.0198, 24.5536, 21.4315

Triad

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



26.7233, 24.5536, 25.5211



21.4037, 24.5536, 19.9922



22.1151, 24.5536, 36.3360

Complementary

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



26.7233, 24.5536, 25.5211



27.6745, 32.7536, 36.3177

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.



20.8461, 24.5536, 32.8477



26.7233, 24.5536, 25.5211



20.4495, 24.5536, 23.3269

Square

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



26.7233, 24.5536, 25.5211



22.9098, 24.5536, 18.5008



20.2504, 24.5536, 27.9862



23.7704, 24.5536, 37.1079

Rectangle

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



26.7233, 24.5536, 25.5211



25.1307, 24.5536, 19.5974



20.2504, 24.5536, 27.9862



21.6316, 24.5536, 35.4234

Sweetspot

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



26.7240, 24.5547, 25.5216



58.0203, 58.9924, 63.6654



27.7416, 24.8150, 37.5103



12.9381, 13.1078, 14.1312



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.7240, 24.5547, 25.5216



45.9311, 40.6860, 41.5329



27.8323, 27.4156, 23.9049



7.1210, 7.1049, 7.6237



11.9133, 6.1214, 1.4680



0.2634, 0.1339, 0.0998

Inverse Universe

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



26.7240, 24.5547, 25.5216



45.9311, 40.6860, 41.5329



26.3281, 29.2279, 38.4366



7.1210, 7.1049, 7.6237



11.9133, 6.1214, 1.4680



0.2634, 0.1339, 0.0998

Previews

White Background



This preview shows how the XYZ color 26.7233, 24.5536, 25.5211 looks on a white background.

Color Contrast Check

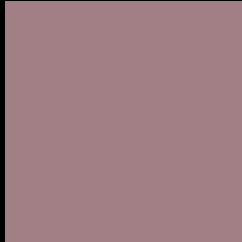
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7233, 24.5536, 25.5211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

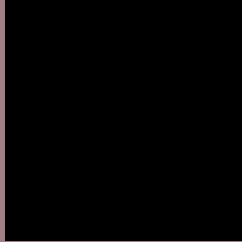
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7233, 24.5536, 25.5211

Background



This preview shows how black text looks on a background with the XYZ color 26.7233, 24.5536, 25.5211.



This preview shows how white text looks on a background with the XYZ color 26.7233, 24.5536,

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

26.7233, 24.5536, 25.5211

Protanopia

23.7327, 24.5662, 27.5357

Deuteranopia

25.1786, 24.7478, 25.2795



Tritanopia

26.8051, 24.3807, 26.5857

Trichromacy



Original Color

26.7233, 24.5536, 25.5211

Protanomaly

24.7278, 24.4831, 26.7150

Deuteranomaly

25.6651, 24.5998, 25.2253

Tritanomaly

26.7343, 24.3524, 26.2131

Monochromacy



Original Color

26.7233, 24.5536, 25.5211

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0017, 25.0308, 26.8063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7233, 24.5536, 25.5211 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(162, 127, 133)` looks like.

```
.text, #text, p{  
    color:rgb(162, 127, 133)  
}
```

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(162, 127, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 127, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.7233, 24.5536, 25.5211 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(162, 127, 133) }
```


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

```
.border{ border-color:rgb(162, 127, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 127, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 127, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 127, 133);  
box-shadow:4px 4px 4px 4px rgb(162, 127,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7233, 24.5536, 25.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 127, 133) }
```

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

```
.background{ background-color: rgb(162,  
127, 133) }
```

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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