

Converting Colors

XYZ(26.7408, 25.3877, 22.0230)

Have a look what the booklet for
XYZ(26.7408, 25.3877, 22.0230)
contains.

XYZ(26.7334, 25.4243, 21.9107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.7334, 25.4243,
21.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	A3837A
RGB	163, 131, 122
RGB Percent	64%, 51%, 48%
CMY	0.3608, 0.4863, 0.5216
CMYK	0.00, 0.20, 0.25, 0.36
HSL	13°, 18%, 56%
HSV	13°, 25%, 64%
XYZ	26.7334, 25.4243, 21.9107
YIQ	139.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

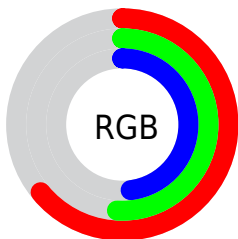
Format	Color
R_{YB}	163, 134, 122
Decimal	10716026
CIE _{Lab}	57.49, 10.85, 9.50
CIE _{LCh}	57, 14.419, 41.216
Yxy	25.4243, 0.3609, 0.3433
Android (android.graphics.Color)	4288906106 (0xFFA3837A)
YUV	139.5420, -8.6482, 20.5727
Hunter-Lab	50.4225, 6.3991, 9.5318

Details

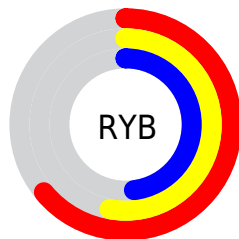
The XYZ color **26.7334, 25.4243, 21.9107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1921, 29.8921, 39.0397**, and the grayscale version is **24.7768, 26.0671, 28.3870**.

A 20% lighter version of the original color is **53.6939, 52.2424, 47.2982**, and **10.7754, 9.8951, 7.6454** is the 20% darker color. If you saturate the color by 10%, you get **24.2022, 21.8447, 16.4951**, and if you desaturate by 10%, it is **29.6452, 29.4935, 28.2895**.

Distribution



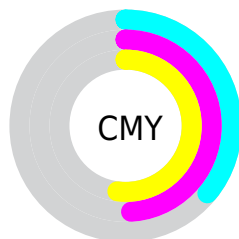
- Red (64%)
- Green (51%)
- Blue (48%)



- Red (64%)
- Yellow (53%)
- Blue (48%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7334, 25.4243, 21.9107 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 26.7334, 25.4243, 21.9107 by changing the saturation by 10% instead.

■ 26.7334, 25.4243,
21.9107

■ 26.7334, 25.4243,
21.9107

278.5551,
279.9444, 275.0178

■ 17.5086, 16.3935,
13.5936

■ 53.8787, 52.3447,
47.4987

■ 10.6953, 9.8030,
7.7031

■ 72.5299, 71.0031,
65.6066

■ 5.9281, 5.2685,
3.8205

■ 95.0540, 93.6394,
87.8152

■ 2.8417, 2.4057,
1.5274

121.8164,
120.6381, 114.5431

■ 1.0706, 0.8288,
0.2382

153.1823,
152.3836, 146.2088

■ 0.0003, 0.0000,
0.0000

189.5171,

■ 0.0000, 0.0000,

189.2602, 183.2308

0.0000

231.1863,
231.6524, 226.0276

■ 26.7334, 25.4243,
21.9107

■ 26.7334, 25.4243,
21.9107

■ 24.2022, 21.8447,
16.4951

■ 29.6452, 29.4935,
28.2895

■ 22.0335, 18.7328,
11.9942

■ 32.9506, 34.0664,
35.6737

■ 20.2108, 16.0700,
8.3575

■ 36.6644, 39.1608,
44.1050

■ 18.7155, 13.8352,
5.5289

■ 40.8002, 44.7925,
53.6220

■ 17.5270, 12.0054,
3.4459

■ 45.3708, 50.9766,
64.2616

■ 16.6223, 10.5555,
2.0365

■ 50.3885, 57.7279,
76.0589

■ 15.9741, 9.4570,
1.2103

■ 55.8652, 65.0603,
89.0474

■ 15.7290, 9.0359,
0.9151

■ 61.8121, 72.9873,
103.2592

■ 65.9549, 80.6078,
106.6904

Harmonies

Analogous

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



27.5487, 25.4243, 25.8848



26.7334, 25.4243, 21.9107



25.2433, 25.4243, 19.6644

Triad

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



26.7334, 25.4243, 21.9107



21.1735, 25.4243, 24.7496



24.8126, 25.4243, 38.0267

Complementary

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



26.7334, 25.4243, 21.9107



26.1921, 29.8921, 39.0397

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.



23.1179, 25.4243, 37.6291



26.7334, 25.4243, 21.9107



21.0704, 25.4243, 29.5621

Square

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



26.7334, 25.4243, 21.9107



22.0552, 25.4243, 21.1646



21.7667, 25.4243, 34.3887



26.4053, 25.4243, 35.4181

Rectangle

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



26.7334, 25.4243, 21.9107



24.0951, 25.4243, 19.2681



21.7667, 25.4243, 34.3887



24.2351, 25.4243, 38.2475

Sweetspot

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



26.7341, 25.4255, 21.9112



57.1630, 58.4604, 59.7339



27.9064, 24.0428, 33.7929



12.6422, 12.8586, 12.9763



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.



26.7341, 25.4255, 21.9112



45.3458, 41.9635, 33.7911



29.7457, 31.4486, 22.9151



7.1941, 7.3265, 7.4151



12.2532, 7.0802, 0.7208



0.2892, 0.2123, 0.0257

Inverse Universe

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



26.1921, 29.8921, 39.0397



44.2074, 51.3003, 69.6281



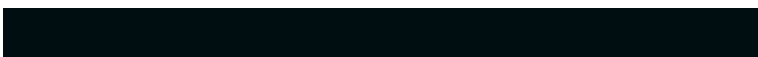
23.1094, 23.7266, 38.0121



7.1435, 7.7461, 9.0217



11.0912, 13.9619, 29.0401



0.2641, 0.3554, 0.6205

Previews

White Background



This preview shows how the XYZ color 26.7334, 25.4243, 21.9107 looks on a white background.

Color Contrast Check

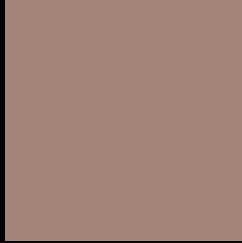
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7334, 25.4243, 21.9107 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 26.7334, 25.4243, 21.9107

Background



This preview shows how black text looks on a background with the XYZ color 26.7334, 25.4243, 21.9107.



This preview shows how white text looks on a background with the XYZ color 26.7334, 25.4243,

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

26.7334, 25.4243, 21.9107

Protanopia

24.3560, 25.6126, 23.3987

Deuteranopia

26.0009, 25.4493, 21.9542



Tritanopia

27.9548, 25.5348, 27.5001

Trichromacy



Original Color

26.7334, 25.4243, 21.9107

Protanomaly

25.1281, 25.3879, 22.9780

Deuteranomaly

26.2613, 25.3813, 21.9273

Tritanomaly

27.4573, 25.5237, 25.3092

Monochromacy



Original Color

26.7334, 25.4243, 21.9107

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3920, 25.8807, 25.8475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7334, 25.4243, 21.9107 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(163, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 122)  
}
```

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(163, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.7334, 25.4243, 21.9107 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(163, 131, 122) }
```


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

```
.border{ border-color:rgb(163, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7334, 25.4243, 21.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 122) }
```

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

```
.background{ background-color: rgb(163,  
131, 122) }
```

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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