

Converting Colors

XYZ(28.2437, 25.2932, 26.0056)

Have a look what the booklet for
XYZ(28.2437, 25.2932, 26.0056)
contains.

XYZ(28.2546, 25.3350, 25.9552)	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(28.2546, 25.3350,
25.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	A97F86
RGB	169, 127, 134
RGB Percent	66%, 50%, 53%
CMY	0.3373, 0.5019, 0.4745
CMYK	0.00, 0.25, 0.21, 0.34
HSL	350°, 20%, 58%
HSV	350°, 25%, 66%
XYZ	28.2546, 25.3350, 25.9552
YIQ	140.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

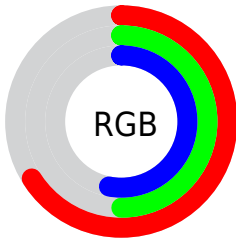
Format	Color
R_{YB}	169, 127, 134
Decimal	11108230
CIE _{Lab}	57.40, 17.32, 2.54
CIE _{LCh}	57, 17.503, 8.357
Yxy	25.3350, 0.3552, 0.3185
Android (android.graphics.Color)	4289298310 (0xFFA97F86)
YUV	140.3560, -3.1335, 25.1208
Hunter-Lab	50.3339, 12.1155, 4.6602

Details

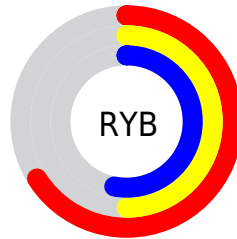
The XYZ color **28.2546, 25.3350, 25.9552** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4630, 35.4971, 39.4829**, and the grayscale version is **25.0719, 26.3776, 28.7252**.

A 20% lighter version of the original color is **56.3422, 52.2379, 54.1271**, and **11.5665, 9.8177, 9.8797** is the 20% darker color. If you saturate the color by 10%, you get **25.3345, 20.9635, 20.4538**, and if you desaturate by 10%, it is **31.6731, 30.4934, 32.2689**.

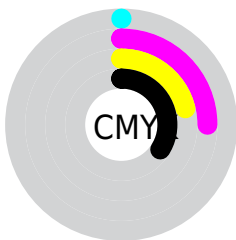
Distribution



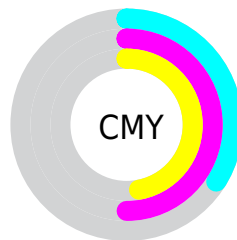
- Red (66%)
- Green (50%)
- Blue (53%)



- Red (66%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (34%)





- Cyan (34%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2546, 25.3350, 25.9552 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 28.2546, 25.3350, 25.9552 by changing the saturation by 10% instead.

 28.2546, 25.3350,
25.9552


 28.2546, 25.3350,
25.9552

285.7396,
279.5022, 296.1606


 18.6591, 16.3268,
16.5647


 56.2965, 52.2002,
54.1859

 11.5268, 9.7557,
9.7659


 75.4736, 70.8259,
73.8631

 6.4922, 5.2373,
5.1405


 98.5752, 93.4264,
97.8062

 3.1901, 2.3872,
2.2697

125.9668,
120.3859, 126.4339

 1.2551, 0.8193,
0.7142

158.0137,
152.0888, 160.1647

 0.1492, 0.0000,
0.0000

195.0812,

 0.0000, 0.0000,

188.9196, 199.4170

0.0000

237.5347,
231.2626, 244.6094

■ 28.2546, 25.3350,
25.9552

■ 28.2546, 25.3350,
25.9552

■ 25.3345, 20.9635,
20.4538

■ 31.6731, 30.4934,
32.2689

■ 22.8873, 17.3368,
15.7299

■ 35.6096, 36.4711,
39.4244

■ 20.8884, 14.4142,
11.7487

■ 40.0855, 43.3030,
47.4519

■ 19.3101, 12.1499,
8.4719

■ 45.1202, 51.0208,
56.3795

■ 18.1217, 10.4923,
5.8579

■ 50.7320, 59.6546,
66.2339

■ 17.2878, 9.3824,
3.8605

■ 56.9385, 69.2332,
77.0409

■ 16.7662, 8.7478,
2.4270

■ 63.7566, 79.7842,
88.8253

■ 16.5737, 8.5196,
1.8793

■ 68.8609, 86.6505,
100.8302

■ 70.1722, 87.1750,
107.7357

Harmonies

Analogous

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



27.9892, 25.3350, 32.0259



28.2546, 25.3350, 25.9552



27.3520, 25.3350, 21.0749

Triad

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



28.2546, 25.3350, 25.9552



21.6843, 25.3350, 19.5485



22.6360, 25.3350, 39.6506

Complementary

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



28.2546, 25.3350, 25.9552



29.4630, 35.4971, 39.4829

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.



21.0802, 25.3350, 35.3153



28.2546, 25.3350, 25.9552



20.5532, 25.3350, 23.5758

Square

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



28.2546, 25.3350, 25.9552



23.5040, 25.3350, 17.7402



20.3386, 25.3350, 29.2827



24.6657, 25.3350, 40.5299

Rectangle

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



28.2546, 25.3350, 25.9552



26.2383, 25.3350, 18.9437



20.3386, 25.3350, 29.2827



22.0438, 25.3350, 38.5219

Sweetspot

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



28.2553, 25.3362, 25.9557



62.0867, 62.7490, 67.5551



29.6519, 25.7259, 40.9390



13.4439, 13.5423, 14.5642



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.2553, 25.3362, 25.9557



47.5221, 40.7538, 40.7068



29.7186, 29.0181, 24.1149



7.5802, 7.5619, 8.1066



12.3663, 6.3552, 1.4744



0.3153, 0.1604, 0.1119

Inverse Universe

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



28.2553, 25.3362, 25.9557



47.5221, 40.7538, 40.7068



27.6361, 30.8202, 42.0285



7.5802, 7.5619, 8.1066



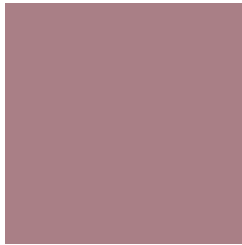
12.3663, 6.3552, 1.4744



0.3153, 0.1604, 0.1119

Previews

White Background



This preview shows how the XYZ color 28.2546, 25.3350, 25.9552 looks on a white background.

Color Contrast Check

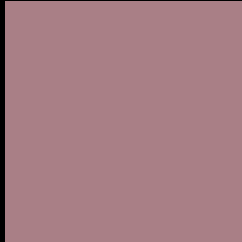
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2546, 25.3350, 25.9552 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 28.2546, 25.3350, 25.9552

Background



This preview shows how black text looks on a background with the XYZ color 28.2546, 25.3350, 25.9552.



This preview shows how white text looks on a background with the XYZ color 28.2546, 25.3350,

25.9552.

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

28.2546, 25.3350, 25.9552

Protanopia

24.4945, 25.3602, 28.4150

Deuteranopia

25.7580, 25.2408, 25.7047



Tritanopia

28.3955, 25.3913, 26.6970

Trichromacy



Original Color

28.2546, 25.3350, 25.9552

Protanomaly

25.7375, 25.1893, 27.5503

Deuteranomaly

26.6480, 25.2970, 25.6686

Tritanomaly

28.3247, 25.3630, 26.3243

Monochromacy



Original Color

28.2546, 25.3350, 25.9552

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.0139, 25.7422, 27.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2546, 25.3350, 25.9552 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(169, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 127, 134)  
}
```

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(169, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 127, 134) }
```

Border

The CSS property to change the border of an element to XYZ 28.2546, 25.3350, 25.9552 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(169, 127, 134) }
```


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

```
.border{ border-color:rgb(169, 127, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 127,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2546, 25.3350, 25.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 127, 134) }
```

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

```
.background{ background-color: rgb(169,  
127, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor