

Converting Colors

XYZ(25.6534, 24.2234, 16.1196)

Have a look what the booklet for
XYZ(25.6534, 24.2234, 16.1196)
contains.

XYZ(25.5546, 24.1573, 16.1479)	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(25.5546, 24.1573,
16.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	A57F67
RGB	165, 127, 103
RGB Percent	65%, 50%, 40%
CMY	0.3529, 0.5019, 0.5961
CMYK	0.00, 0.23, 0.38, 0.35
HSL	23°, 26%, 53%
HSV	23°, 38%, 65%
XYZ	25.5546, 24.1573, 16.1479
YIQ	135.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

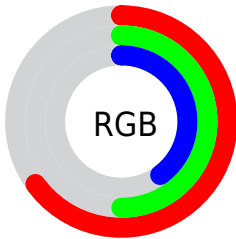
Format	Color
R_{YB}	165, 142, 103
Decimal	10846055
CIE _{Lab}	56.24, 11.31, 18.70
CIE _{LCh}	56, 21.851, 58.828
Yxy	24.1573, 0.3880, 0.3668
Android (android.graphics.Color)	4289036135 (0xFFA57F67)
YUV	135.6260, -16.0846, 25.7610
Hunter-Lab	49.1501, 6.7949, 14.9258

Details

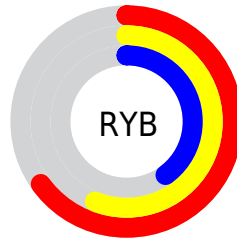
The XYZ color **25.5546, 24.1573, 16.1479** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9096, 24.6492, 39.2004**, and the grayscale version is **23.3127, 24.5267, 26.7096**.

A 20% lighter version of the original color is **51.9728, 50.3478, 37.5507**, and **10.1203, 9.1790, 4.9797** is the 20% darker color. If you saturate the color by 10%, you get **23.5658, 21.3768, 11.7944**, and if you desaturate by 10%, it is **27.8392, 27.2677, 21.4069**.

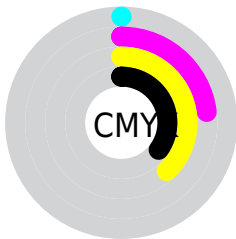
Distribution



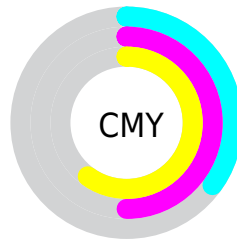
- Red (65%)
- Green (50%)
- Blue (40%)



- Red (65%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5546, 24.1573, 16.1479 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 25.5546, 24.1573, 16.1479 by changing the saturation by 10% instead.


 25.5546, 24.1573,
16.1479


 25.5546, 24.1573,
16.1479

272.8857,
273.6148, 242.0883


 16.6217, 15.4503,
9.4734


 51.9920, 50.2868,
37.6251


 10.0587, 9.1361,
4.9502


 70.2271, 68.4781,
53.2649

 5.5005, 4.8300,
2.1599

 92.2937, 90.5996,
72.7302

 2.5815, 2.1479,
0.6511

 118.5571,
117.0358, 96.4396

 0.9366, 0.6914,
0.0000

149.3826,
148.1710, 124.8115

 0.0000, 0.0000,
0.0000

185.1357,

184.3897, 158.2646

226.1816,
226.0761, 197.2174

■ 25.5546, 24.1573,
16.1479

■ 25.5546, 24.1573,
16.1479

■ 23.5658, 21.3768,
11.7944

■ 27.8392, 27.2677,
21.4069

■ 21.8574, 18.9111,
8.2927

■ 30.4303, 30.7154,
27.6178

■ 20.4154, 16.7492,
5.5858

■ 33.3403, 34.5120,
34.8257

■ 19.2234, 14.8776,
3.6088

■ 36.5803, 38.6674,
43.0722

■ 18.2630, 13.2819,
2.2866

■ 40.1609, 43.1910,
52.3968

■ 17.5067, 11.9435,
1.4975

■ 44.0920, 48.0919,
62.8366

■ 17.3437, 11.6526,
1.3351

■ 48.3834, 53.3790,
74.4271

■ 53.0442, 59.0607,
87.2023

■ 58.0834, 65.1452,
101.1945

Harmonies

Analogous

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



27.4609, 24.1573, 20.1771



25.5546, 24.1573, 16.1479



23.0598, 24.1573, 14.7488

Triad

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



25.5546, 24.1573, 16.1479



18.4594, 24.1573, 26.0211



25.3712, 24.1573, 40.3896

Complementary

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



25.5546, 24.1573, 16.1479



21.9096, 24.6492, 39.2004

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.



22.8621, 24.1573, 42.7123



25.5546, 24.1573, 16.1479



18.9813, 24.1573, 33.5585

Square

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



25.5546, 24.1573, 16.1479



19.0685, 24.1573, 19.7690



20.5487, 24.1573, 40.0140



27.3497, 24.1573, 34.1386

Rectangle

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



25.5546, 24.1573, 16.1479



21.4359, 24.1573, 15.2562



20.5487, 24.1573, 40.0140



24.5563, 24.1573, 41.7011

Sweetspot

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



25.5552, 24.1584, 16.1484



57.7529, 59.2694, 57.4778



25.1926, 19.6301, 27.7518



12.4800, 12.7674, 12.2037



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.



25.5552, 24.1584, 16.1484



42.7913, 39.1149, 22.3750



30.1525, 33.3529, 17.6808



7.2881, 7.5147, 7.4464



13.1662, 8.9064, 1.0252



0.3217, 0.2772, 0.0365

Inverse Universe

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



21.9096, 24.6492, 39.2004



35.3075, 40.1014, 69.6318



17.9864, 16.8027, 37.8927



7.0447, 7.5485, 8.9888



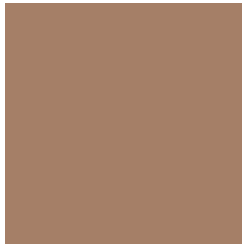
8.7167, 9.2128, 28.2486



0.2269, 0.2811, 0.6082

Previews

White Background



This preview shows how the XYZ color 25.5546, 24.1573, 16.1479 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 25.5546, 24.1573, 16.1479 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 25.5546, 24.1573, 16.1479

Background



This preview shows how black text looks on a background with the XYZ color 25.5546, 24.1573, 16.1479.



This preview shows how white text looks on a background with the XYZ color 25.5546, 24.1573,

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

25.5546, 24.1573, 16.1479

Protanopia

22.8194, 24.3188, 17.4012

Deuteranopia

24.7289, 24.3155, 16.2220



Tritanopia

27.3963, 24.1567, 25.0486

Trichromacy



Original Color

25.5546, 24.1573, 16.1479

Protanomaly

23.8017, 24.2185, 17.0558

Deuteranomaly

24.9964, 24.2569, 16.1966

Tritanomaly

26.5952, 24.0113, 21.3221

Monochromacy



Original Color

25.5546, 24.1573, 16.1479

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0582, 24.4333, 22.5169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5546, 24.1573, 16.1479 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(165, 127, 103)` looks like.

```
.text, #text, p{  
    color:rgb(165, 127, 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(165, 127, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 127, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.5546, 24.1573, 16.1479 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(165, 127, 103) }
```


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

```
.border{ border-color:rgb(165, 127, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 127, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 127, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 127, 103);  
box-shadow:4px 4px 4px 4px rgb(165, 127,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5546, 24.1573, 16.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 127, 103) }
```

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

```
.background{ background-color: rgb(165,  
127, 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](#).

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