

Converting Colors

XYZ(25.1875, 24.2810, 16.1722)

Have a look what the booklet for
XYZ(25.1875, 24.2810, 16.1722)
contains.

| | |
|--|----|
| XYZ(25.1987, 24.3612, 16.2060) | 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(25.1987, 24.3612,
16.2060)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A28167 |
| RGB | 162, 129, 103 |
| RGB Percent | 64%, 51%, 40% |
| CMY | 0.3647, 0.4941, 0.5961 |
| CMYK | 0.00, 0.20, 0.36, 0.36 |
| HSL | 26°, 24%, 52% |
| HSV | 26°, 36%, 64% |
| XYZ | 25.1987, 24.3612, 16.2060 |
| YIQ | 135.9030, 28.0140, -1.0900 |

Conversions

Conversions Part 2

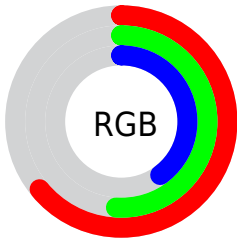
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 162, 149, 103 |
| Decimal | 10649959 |
| CIE _{Lab} | 56.45, 8.93, 18.92 |
| CIE _{LCh} | 56, 20.921, 64.728 |
| Yxy | 24.3612, 0.3832, 0.3704 |
| Android (android.graphics.Color) | 4288840039 (0xFFA28167) |
| YUV | 135.9030, -16.2212, 22.8871 |
| Hunter-Lab | 49.3571, 4.7563, 15.0825 |

Details

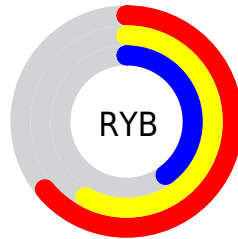
The XYZ color **25.1987, 24.3612, 16.2060** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9188, 23.0995, 37.5384**, and the grayscale version is **23.4174, 24.6369, 26.8296**.

A 20% lighter version of the original color is **51.4741, 50.6944, 37.6439**, and **9.8891, 9.2741, 5.0102** is the 20% darker color. If you saturate the color by 10%, you get **23.3222, 21.7858, 11.9501**, and if you desaturate by 10%, it is **27.3398, 27.2135, 21.3279**.

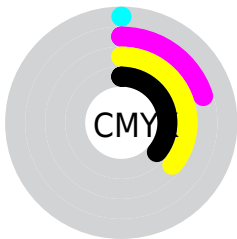
Distribution



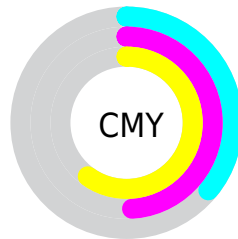
- Red (64%)
- Green (51%)
- Blue (40%)



- Red (64%)
- Yellow (58%)
- Blue (40%)



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





- Cyan (36%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1987, 24.3612, 16.2060 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 25.1987, 24.3612, 16.2060 by changing the saturation by 10% instead.


 25.1987, 24.3612,
16.2060


 25.1987, 24.3612,
16.2060


271.1555,
274.6415, 242.4413


 16.3547, 15.6018,
9.5141


 51.4200, 50.6190,
37.7272


 9.8679, 9.2428,
4.9766


 69.5279, 68.8861,
53.3936

 5.3731, 4.8999,
2.1751

 91.4545, 91.0913,
72.8886

 2.5048, 2.1886,
0.6599

 117.5652,
117.6189, 96.6307

 0.8977, 0.7138,
0.0000

148.2253,
148.8534, 125.0385

 0.0000, 0.0000,
0.0000

183.8001,

185.1790, 158.5305

224.6551,
226.9803, 197.5253

■ 25.1987, 24.3612,
16.2060

■ 25.1987, 24.3612,
16.2060

■ 23.3222, 21.7858,
11.9501

■ 27.3398, 27.2135,
21.3279

■ 21.6967, 19.4749,
8.5098

■ 29.7548, 30.3481,
27.3595

■ 20.3097, 17.4198,
5.8315

■ 32.4545, 33.7741,
34.3432

■ 19.1471, 15.6101,
3.8547

■ 35.4488, 37.4995,
42.3184

■ 18.1925, 14.0342,
2.5091

■ 38.7469, 41.5318,
51.3222

■ 17.4241, 12.6782,
1.6954

■ 42.3577, 45.8782,
61.3897

■ 17.1790, 12.2390,
1.4569

■ 46.2897, 50.5457,
72.5544

■ 50.5508, 55.5409,
84.8483

■ 55.1491, 60.8706,
98.3023

Harmonies

Analogous

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



27.1938, 24.3612, 19.6338



25.1987, 24.3612, 16.2060



22.7731, 24.3612, 15.3363

Triad

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



25.1987, 24.3612, 16.2060



18.8194, 24.3612, 27.6391



25.9083, 24.3612, 39.0561

Complementary

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



25.1987, 24.3612, 16.2060



20.9188, 23.0995, 37.5384

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.



23.5403, 24.3612, 42.1484



25.1987, 24.3612, 16.2060



19.5366, 24.3612, 34.8656

Square

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



25.1987, 24.3612, 16.2060



19.1960, 24.3612, 21.2325



21.2241, 24.3612, 40.4954



27.6231, 24.3612, 32.6316

Rectangle

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



25.1987, 24.3612, 16.2060



21.2619, 24.3612, 16.1676



21.2241, 24.3612, 40.4954



25.1564, 24.3612, 40.5662

Sweetspot

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



25.1993, 24.3623, 16.2065



56.5058, 58.2685, 56.0543



24.2254, 19.1720, 25.8782



12.5507, 12.9087, 12.2272



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.



25.1993, 24.3623, 16.2065



42.8480, 40.2580, 22.8155



29.5867, 33.1371, 17.6689



7.3187, 7.5757, 7.4566



13.5757, 9.7254, 1.1617



0.3321, 0.2979, 0.0400

Inverse Universe

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



20.9188, 23.0995, 37.5384



33.8706, 37.6010, 67.5287



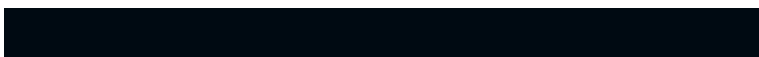
17.3661, 15.9939, 36.3542



7.0136, 7.4861, 8.9784



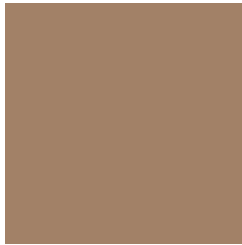
8.1017, 7.9828, 28.0436



0.2163, 0.2599, 0.6046

Previews

White Background



This preview shows how the XYZ color 25.1987, 24.3612, 16.2060 looks on a white background.

Color Contrast Check

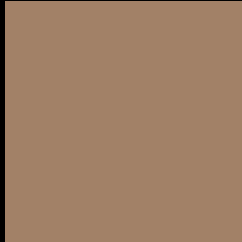
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1987, 24.3612, 16.2060 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 25.1987, 24.3612, 16.2060

Background



This preview shows how black text looks on a background with the XYZ color 25.1987, 24.3612, 16.2060.



This preview shows how white text looks on a background with the XYZ color 25.1987, 24.3612,

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

25.1987, 24.3612, 16.2060

Protanopia

22.7671, 24.2978, 17.1257

Deuteranopia

24.9280, 24.4181, 16.2313



Tritanopia

27.1537, 24.3878, 25.8304

Trichromacy



Original Color

25.1987, 24.3612, 16.2060

Protanomaly

23.6998, 24.3743, 16.8202

Deuteranomaly

25.1288, 24.5216, 16.2407

Tritanomaly

26.3458, 24.2443, 22.0299

Monochromacy



Original Color

25.1987, 24.3612, 16.2060

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7027, 24.2500, 22.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1987, 24.3612, 16.2060 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, 129, 103)` looks like.

```
.text, #text, p{  
    color:rgb(162, 129, 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(162, 129, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 129, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.1987, 24.3612, 16.2060 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, 129, 103) }
```


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

```
.border{ border-color:rgb(162, 129, 103) }
```

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

Here you see how a box with a 4 pixel rgb(162, 129, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 129, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 129, 103);  
box-shadow:4px 4px 4px 4px rgb(162, 129,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1987, 24.3612, 16.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 129, 103) }
```

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

```
.background{ background-color: rgb(162,  
129, 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](#).

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