

Converting Colors

XYZ(25.7090, 24.8433, 15.5399)

Have a look what the booklet for
XYZ(25.7090, 24.8433, 15.5399)
contains.

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Color

**XYZ(25.7999, 24.8847,
15.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	A58264
RGB	165, 130, 100
RGB Percent	65%, 51%, 39%
CMY	0.3529, 0.4902, 0.6078
CMYK	0.00, 0.21, 0.39, 0.35
HSL	28°, 27%, 52%
HSV	28°, 39%, 65%
XYZ	25.7999, 24.8847, 15.5000
YIQ	137.0450, 30.4900, -1.9100

Conversions

Conversions Part 2

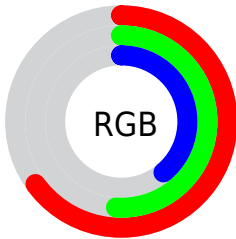
Format	Color
R_{YB}	165, 156, 100
Decimal	10846820
CIE _{Lab}	56.96, 9.24, 21.37
CIE _{LCh}	57, 23.283, 66.606
Yxy	24.8847, 0.3898, 0.3760
Android (android.graphics.Color)	4289036900 (0xFFA58264)
YUV	137.0450, -18.2632, 24.5165
Hunter-Lab	49.8846, 5.0208, 16.4968

Details

The XYZ color **25.7999, 24.8847, 15.5000** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.7106, 22.7530, 38.8974**, and the grayscale version is **23.8542, 25.0965, 27.3301**.

A 20% lighter version of the original color is **52.3382, 51.4735, 36.4550**, and **10.2671, 9.5866, 4.6774** is the 20% darker color. If you saturate the color by 10%, you get **23.9498, 22.3357, 11.3344**, and if you desaturate by 10%, it is **27.9150, 27.7048, 20.5525**.

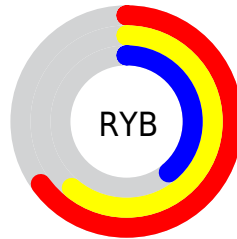
Distribution



Red (65%)

Green (51%)

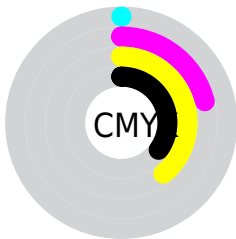
Blue (39%)



Red (65%)

Yellow (61%)

Blue (39%)

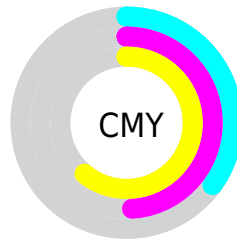


Cyan (0%)

Magenta (21%)

Yellow (39%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7999, 24.8847, 15.5000 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 25.7999, 24.8847, 15.5000 by changing the saturation by 10% instead.


 25.7999, 24.8847,
15.5000


 25.7999, 24.8847,
15.5000

274.0732,
277.2633, 238.1171


 16.8059, 15.9912,
9.0205


 52.3856, 51.4701,
36.4826


 10.1906, 9.5179,
4.6576


 70.7079, 69.9308,
51.8228

 5.5888, 5.0805,
1.9926

 92.8705, 92.3493,
70.9537

 2.6349, 2.2946,
0.5507

 119.2385,
119.1100, 94.2938

 0.9638, 0.7708,
0.0000

150.1775,
150.5974, 122.2617

 0.0000, 0.0000,
0.0000

186.0527,

187.1958, 155.2758

227.2294,
229.2896, 193.7547

■ 25.7999, 24.8847,
15.5000

■ 25.7999, 24.8847,
15.5000

■ 23.9498, 22.3357,
11.3344

■ 27.9150, 27.7048,
20.5525

■ 22.3505, 20.0453,
8.0015

■ 30.3048, 30.8010,
26.5387

■ 20.9891, 18.0049,
5.4437

■ 32.9806, 34.1827,
33.5036

■ 19.8504, 16.2041,
3.5949

■ 35.9526, 37.8576,
41.4892

■ 18.9170, 14.6311,
2.3782

■ 39.2302, 41.8331,
50.5349

■ 18.1556, 13.2678,
1.6328

■ 42.8226, 46.1163,
60.6778

■ 18.1127, 13.1908,
1.5914

■ 46.7385, 50.7140,
71.9534

■ 50.9864, 55.6330,
84.3956

■ 55.5741, 60.8797,
98.0368

Harmonies

Analogous

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



28.1248, 24.8847, 19.0777



25.7999, 24.8847, 15.5000



23.0530, 24.8847, 14.7297

Triad

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



25.7999, 24.8847, 15.5000



18.8082, 24.8847, 28.8630



26.9250, 24.8847, 41.0558

Complementary

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



25.7999, 24.8847, 15.5000



20.7106, 22.7530, 38.8974

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.



24.2616, 24.8847, 44.9562



25.7999, 24.8847, 15.5000



19.6808, 24.8847, 37.0930

Square

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



25.7999, 24.8847, 15.5000



19.1510, 24.8847, 21.5498



21.6271, 24.8847, 43.3815



28.8085, 24.8847, 33.5186

Rectangle

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



25.7999, 24.8847, 15.5000



21.3767, 24.8847, 15.7468



21.6271, 24.8847, 43.3815



26.0836, 24.8847, 42.8957

Sweetspot

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



25.8005, 24.8859, 15.5005



57.6586, 59.4545, 56.2947



24.5005, 18.8844, 25.5534



12.4763, 12.8354, 11.9694



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.



25.8005, 24.8859, 15.5005



43.3706, 40.6710, 21.3429



30.6936, 34.6720, 17.1315



7.3306, 7.5996, 7.4606



13.7515, 10.0770, 1.2203



0.3361, 0.3060, 0.0414

Inverse Universe

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



20.7106, 22.7530, 38.8974



32.9937, 36.3163, 69.0231



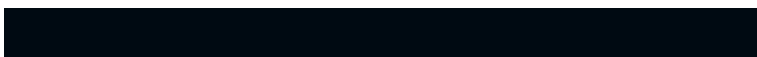
16.9224, 15.1765, 37.6347



7.0015, 7.4620, 8.9744



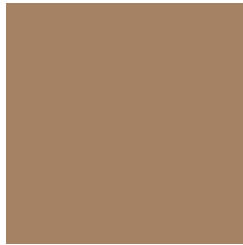
7.8805, 7.5405, 27.9699



0.2123, 0.2518, 0.6033

Previews

White Background



This preview shows how the XYZ color 25.7999, 24.8847, 15.5000 looks on a white background.

Color Contrast Check

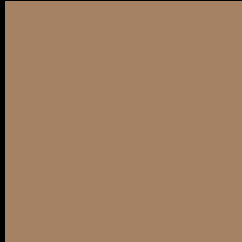
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7999, 24.8847, 15.5000 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 25.7999, 24.8847, 15.5000

Background



This preview shows how black text looks on a background with the XYZ color 25.7999, 24.8847, 15.5000.



This preview shows how white text looks on a background with the XYZ color 25.7999, 24.8847,

15.5000.

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

25.7999, 24.8847, 15.5000

Protanopia

23.4265, 25.0736, 16.4370

Deuteranopia

25.3168, 24.8341, 15.5157



Tritanopia

27.8552, 24.7413, 26.2291

Trichromacy



Original Color

25.7999, 24.8847, 15.5000

Protanomaly

24.2498, 24.8795, 16.0945

Deuteranomaly

25.5208, 24.9392, 15.5253

Tritanomaly

27.0386, 24.7994, 21.7740

Monochromacy



Original Color

25.7999, 24.8847, 15.5000

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1958, 24.7085, 22.5627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7999, 24.8847, 15.5000 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, 130, 100)` looks like.

```
.text, #text, p{  
    color:rgb(165, 130, 100)  
}
```

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, 130, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 130, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.7999, 24.8847, 15.5000 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, 130, 100) }
```


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

```
.border{ border-color:rgb(165, 130, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 130, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 130, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 130, 100);  
box-shadow:4px 4px 4px 4px rgb(165, 130,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7999, 24.8847, 15.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 130, 100) }
```

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

```
.background{ background-color: rgb(165,  
130, 100) }
```

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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