

Converting Colors

XYZ(25.5795, 24.8618, 11.2988)

Have a look what the booklet for
XYZ(25.5795, 24.8618, 11.2988)
contains.

XYZ(25.6163, 24.8842, 11.2376)	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(25.6163, 24.8842,
11.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	A88251
RGB	168, 130, 81
RGB Percent	66%, 51%, 32%
CMY	0.3412, 0.4902, 0.6823
CMYK	0.00, 0.23, 0.52, 0.34
HSL	34°, 35%, 49%
HSV	34°, 52%, 66%
XYZ	25.6163, 24.8842, 11.2376
YIQ	135.7760, 38.3770, -7.1830

Conversions

Conversions Part 2

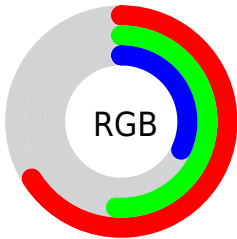
Format	Color
RYB	148, 168, 81
Decimal	11043409
CIELab	56.96, 8.48, 31.98
CIELCh	57, 33.088, 75.155
Yxy	24.8842, 0.4149, 0.4031
Android (android.graphics.Color)	4289233489 (0xFFA88251)
YUV	135.7760, -27.0046, 28.2604
Hunter-Lab	49.8841, 4.3656, 21.5623

Details

The XYZ color **25.6163, 24.8842, 11.2376** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.0578, 17.7694, 39.5765**, and the grayscale version is **23.4062, 24.6252, 26.8168**.

A 20% lighter version of the original color is **52.0816, 51.5132, 28.6708**, and **10.0412, 9.5111, 2.8200** is the 20% darker color. If you saturate the color by 10%, you get **24.1213, 22.7808, 8.0064**, and if you desaturate by 10%, it is **27.3380, 27.1915, 15.3138**.

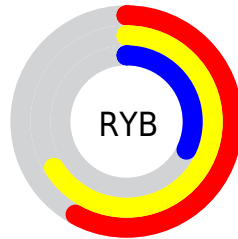
Distribution



Red (66%)

Green (51%)

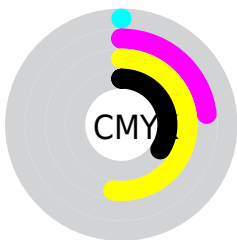
Blue (32%)



Red (58%)

Yellow (66%)

Blue (32%)

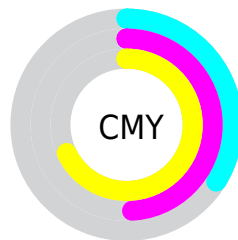


Cyan (0%)

Magenta (23%)

Yellow (52%)

Black (34%)



Cyan (34%)

Magenta (49%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6163, 24.8842, 11.2376 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 25.6163, 24.8842, 11.2376 by changing the saturation by 10% instead.

■ 25.6163, 24.8842,
11.2376

■ 25.6163, 24.8842,
11.2376

273.1848,
277.2608, 210.0861

■ 16.6680, 15.9908,
6.1107

■ 52.0910, 51.4693,
28.7420

■ 10.0919, 9.5176,
2.8426

■ 70.3481, 69.9298,
41.9567

■ 5.5227, 5.0803,
1.0149

■ 92.4389, 92.3481,
58.7043

■ 2.5949, 2.2945,
0.0000

■ 118.7286,
119.1086, 79.4034

■ 0.9434, 0.7708,
0.0000

■ 149.5828,
150.5958, 104.4726

■ 0.0000, 0.0000,
0.0000

185.3666,

187.1939, 134.3304

226.4455,
229.2874, 169.3954

■ 25.6163, 24.8842,
11.2376

■ 25.6163, 24.8842,
11.2376

■ 24.1213, 22.7808,
8.0064

■ 27.3380, 27.1915,
15.3138

■ 22.8381, 20.8702,
5.5567

■ 29.2964, 29.7062,
20.2895

■ 21.7523, 19.1453,
3.8179

■ 31.5032, 32.4361,
26.2161

■ 20.8467, 17.5967,
2.7062

■ 33.9686, 35.3872,
33.1407

■ 20.2072, 16.4424,
2.1087

■ 36.7021, 38.5656,
41.1075

■ 39.7127, 41.9767,
50.1577

■ 43.0091, 45.6260,
60.3304

■ 46.5993, 49.5187,
71.6627

■ 50.4912, 53.6598,
84.1902

Harmonies

Analogous

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



29.3163, 24.8842, 14.5873



25.6163, 24.8842, 11.2376



21.7532, 24.8842, 11.2543

Triad

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



25.6163, 24.8842, 11.2376



17.1531, 24.8842, 33.0771



29.3492, 24.8842, 45.1407

Complementary

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



25.6163, 24.8842, 11.2376



17.0578, 17.7694, 39.5765

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.



25.6575, 24.8842, 53.4130



25.6163, 24.8842, 11.2376



18.7683, 24.8842, 45.2558

Square

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



25.6163, 24.8842, 11.2376



17.1447, 24.8842, 21.9780



21.7902, 24.8842, 53.4601



31.6264, 24.8842, 32.9496

Rectangle

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



25.6163, 24.8842, 11.2376



19.6085, 24.8842, 13.1043



21.7902, 24.8842, 53.4601



28.2157, 24.8842, 48.6030

Sweetspot

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



25.6169, 24.8854, 11.2381



59.5649, 61.7505, 54.2436



22.4903, 15.5696, 19.6372



12.7926, 13.2312, 11.2905



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.



25.6169, 24.8854, 11.2381



43.4348, 40.8499, 13.8469



30.7255, 36.4546, 13.2019



7.8685, 8.2170, 7.9606



15.3115, 12.5202, 1.6096



0.4221, 0.4037, 0.0557

Inverse Universe

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



17.0578, 17.7694, 39.5765



26.2023, 26.5440, 70.9676



13.7887, 10.6600, 38.3765



7.3913, 7.8194, 9.5381



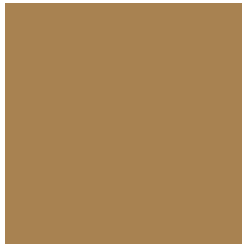
7.2044, 5.8690, 28.7286



0.2266, 0.2454, 0.7161

Previews

White Background



This preview shows how the XYZ color 25.6163, 24.8842, 11.2376 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 25.6163, 24.8842, 11.2376 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 25.6163, 24.8842, 11.2376

Background



This preview shows how black text looks on a background with the XYZ color 25.6163, 24.8842, 11.2376.



This preview shows how white text looks on a background with the XYZ color 25.6163, 24.8842,

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

25.6163, 24.8842, 11.2376

Protanopia

23.1236, 25.0154, 11.9972

Deuteranopia

25.3274, 24.9337, 11.2624



Tritanopia

28.6749, 24.9930, 25.5031

Trichromacy



Original Color

25.6163, 24.8842, 11.2376

Protanomaly

23.9911, 24.8428, 11.7143

Deuteranomaly

25.5379, 25.0422, 11.2722

Tritanomaly

27.2927, 24.7945, 19.2669

Monochromacy



Original Color

25.6163, 24.8842, 11.2376

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8902, 24.6070, 20.0135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6163, 24.8842, 11.2376 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(168, 130, 81)` looks like.

```
.text, #text, p{  
    color:rgb(168, 130, 81)  
}
```

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(168, 130, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 130, 81) }
```

Border

The CSS property to change the border of an element to XYZ 25.6163, 24.8842, 11.2376 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(168, 130, 81) }
```


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

```
.border{ border-color:rgb(168, 130, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 130, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 130, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 130, 81);  
box-shadow:4px 4px 4px 4px rgb(168, 130,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6163, 24.8842, 11.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 130, 81) }
```

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

```
.background{ background-color: rgb(168,  
130, 81) }
```

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