

Converting Colors

XYZ(25.8459, 24.5840, 15.5181)

Have a look what the booklet for
XYZ(25.8459, 24.5840, 15.5181)
contains.

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Color

**XYZ(25.7453, 24.4654,
15.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	A68064
RGB	166, 128, 100
RGB Percent	65%, 50%, 39%
CMY	0.3490, 0.4980, 0.6078
CMYK	0.00, 0.23, 0.40, 0.35
HSL	25°, 27%, 52%
HSV	25°, 40%, 65%
XYZ	25.7453, 24.4654, 15.4220
YIQ	136.1700, 31.6360, -0.6520

Conversions

Conversions Part 2

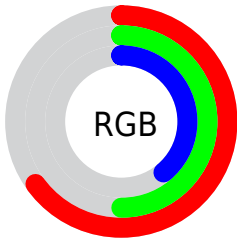
Format	Color
R_{YB}	166, 149, 100
Decimal	10911844
CIE _{Lab}	56.55, 10.79, 20.83
CIE _{LCh}	57, 23.464, 62.615
Yxy	24.4654, 0.3923, 0.3728
Android (android.graphics.Color)	4289101924 (0xFFA68064)
YUV	136.1700, -17.8318, 26.1609
Hunter-Lab	49.4625, 6.3501, 16.1376

Details

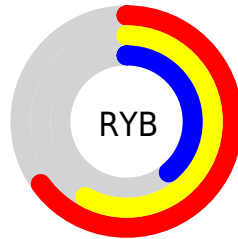
The XYZ color **25.7453, 24.4654, 15.4220** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.2267, 23.6387, 39.5203**, and the grayscale version is **23.5224, 24.7474, 26.9499**.

A 20% lighter version of the original color is **52.2340, 50.8117, 36.3328**, and **10.1207, 9.2938, 4.6286** is the 20% darker color. If you saturate the color by 10%, you get **23.8340, 21.8003, 11.2168**, and if you desaturate by 10%, it is **27.9390, 27.4332, 20.5296**.

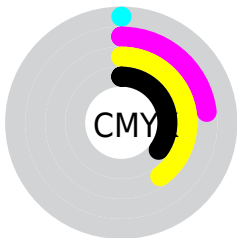
Distribution



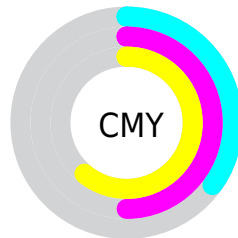
- Red (65%)
- Green (50%)
- Blue (39%)



- Red (65%)
- Yellow (58%)
- Blue (39%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7453, 24.4654, 15.4220 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 25.7453, 24.4654, 15.4220 by changing the saturation by 10% instead.


 25.7453, 24.4654,
15.4220


 25.7453, 24.4654,
15.4220


273.8092,
275.1650, 237.6346


 16.7649, 15.6792,
8.9662


 52.2980, 50.7886,
36.3445

 10.1613, 9.2974,
4.6226


 70.6010, 69.0944,
51.6483

 5.5691, 4.9357,
1.9728

 92.7422, 91.3422,
70.7385

 2.6230, 2.2096,
0.5384

 119.0870,
117.9164, 94.0337

 0.9577, 0.7252,
0.0000

150.0008,
149.2014, 121.9523

 0.0000, 0.0000,
0.0000

185.8488,

185.5816, 154.9130

226.9965,
227.4413, 193.3342

■ 25.7453, 24.4654,
15.4220

■ 25.7453, 24.4654,
15.4220

■ 23.8340, 21.8003,
11.2168

■ 27.9390, 27.4332,
20.5296

■ 22.1900, 19.4239,
7.8586

■ 30.4255, 30.7101,
26.5873

■ 20.7995, 17.3261,
5.2885


■ 33.2169, 34.3065,
33.6415


■ 19.6463, 15.4950,
3.4388


■ 36.3240, 38.2314,
41.7346


■ 18.7119, 13.9172,
2.2304


■ 39.7570, 42.4934,
50.9071

 17.9600, 12.5717,
1.4915

 43.5258, 47.1007,
61.1969

 17.9432, 12.5417,
1.4751

 47.6396, 52.0612,
72.6402

 52.1073, 57.3825,
85.2717

 56.9377, 63.0721,
99.1243

Harmonies

Analogous

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



27.9470, 24.4654, 19.3484



25.7453, 24.4654, 15.4220



23.0157, 24.4654, 14.2945

Triad

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



25.7453, 24.4654, 15.4220



18.4070, 24.4654, 27.3283



26.1904, 24.4654, 41.3655

Complementary

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



25.7453, 24.4654, 15.4220



21.2267, 23.6387, 39.5203

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.



23.4932, 24.4654, 44.5949



25.7453, 24.4654, 15.4220



19.1175, 24.4654, 35.5627

Square

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



25.7453, 24.4654, 15.4220



18.9087, 24.4654, 20.3212



20.9281, 24.4654, 42.2892



28.2178, 24.4654, 34.1460

Rectangle

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



25.7453, 24.4654, 15.4220



21.2984, 24.4654, 15.0586



20.9281, 24.4654, 42.2892



25.3250, 24.4654, 43.0110

Sweetspot

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



25.7459, 24.4666, 15.4225



58.9844, 60.5996, 57.7284



24.9070, 19.0711, 26.6035



13.0562, 13.3771, 12.5541



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.



25.7459, 24.4666, 15.4225



43.5376, 39.9636, 20.9564



30.6839, 34.3425, 17.0685



7.7830, 8.0460, 7.9321



13.9585, 9.8143, 1.1587



0.3906, 0.3409, 0.0452

Inverse Universe

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



21.2267, 23.6387, 39.5203



34.1329, 38.2247, 71.0544



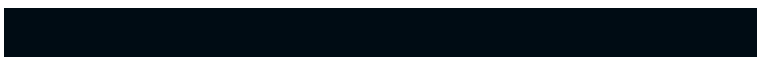
17.2414, 15.6681, 38.1919



7.4769, 7.9907, 9.5666



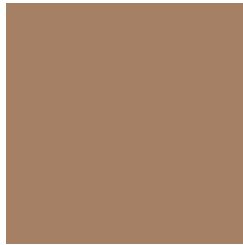
8.5975, 8.6551, 29.1930



0.2583, 0.3087, 0.7266

Previews

White Background



This preview shows how the XYZ color 25.7453, 24.4654, 15.4220 looks on a white background.

Color Contrast Check

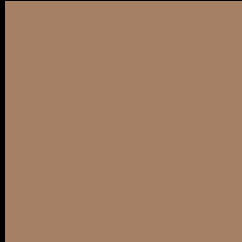
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7453, 24.4654, 15.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

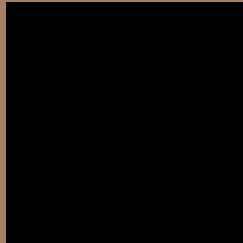
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7453, 24.4654, 15.4220

Background



This preview shows how black text looks on a background with the XYZ color 25.7453, 24.4654, 15.4220.



This preview shows how white text looks on a background with the XYZ color 25.7453, 24.4654,

15.4220.

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

25.7453, 24.4654, 15.4220

Protanopia

22.9294, 24.6073, 16.3731

Deuteranopia

24.9808, 24.4624, 15.4617



Tritanopia

27.8035, 24.5438, 25.4623

Trichromacy



Original Color

25.7453, 24.4654, 15.4220

Protanomaly

23.9227, 24.5067, 16.0398

Deuteranomaly

25.2548, 24.4071, 15.4366

Tritanomaly

26.9333, 24.3725, 21.3740

Monochromacy



Original Color

25.7453, 24.4654, 15.4220

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9953, 24.4082, 22.1854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7453, 24.4654, 15.4220 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(166, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 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(166, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.7453, 24.4654, 15.4220 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(166, 128, 100) }
```


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

```
.border{ border-color:rgb(166, 128, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7453, 24.4654, 15.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 100) }
```

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

```
.background{ background-color: rgb(166,  
128, 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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