

Converting Colors

XYZ(24.7873, 25.5124, 15.3630)

Have a look what the booklet for
XYZ(24.7873, 25.5124, 15.3630)
contains.

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Color

**XYZ(24.7666, 25.5771,
15.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8863
RGB	156, 136, 99
RGB Percent	61%, 53%, 39%
CMY	0.3882, 0.4667, 0.6118
CMYK	0.00, 0.13, 0.37, 0.39
HSL	39°, 22%, 50%
HSV	39°, 37%, 61%
XYZ	24.7666, 25.5771, 15.4359
YIQ	137.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

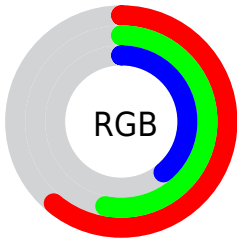
Format	Color
R_{YB}	130, 156, 99
Decimal	10258531
CIE _{Lab}	57.63, 1.97, 22.67
CIE _{LCh}	58, 22.755, 85.024
Yxy	25.5771, 0.3765, 0.3888
Android (android.graphics.Color)	4288448611 (0xFF9C8863)
YUV	137.7620, -19.1097, 15.9947
Hunter-Lab	50.5738, -1.0906, 17.3054

Details

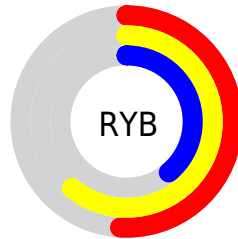
The XYZ color **24.7666, 25.5771, 15.4359** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7430, 18.2460, 34.0392**, and the grayscale version is **24.1315, 25.3882, 27.6477**.

A 20% lighter version of the original color is **50.5666, 52.4461, 36.3121**, and **9.6565, 9.8466, 4.6404** is the 20% darker color. If you saturate the color by 10%, you get **23.3407, 23.8057, 11.6298**, and if you desaturate by 10%, it is **26.3773, 27.4872, 20.0150**.

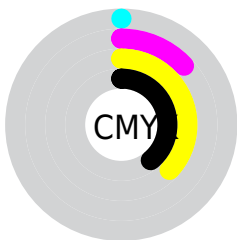
Distribution



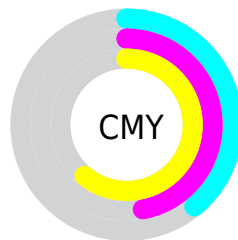
- Red (61%)
- Green (53%)
- Blue (39%)



- Red (51%)
- Yellow (61%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7666, 25.5771, 15.4359 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 24.7666, 25.5771, 15.4359 by changing the saturation by 10% instead.

■ 24.7666, 25.5771,
15.4359

■ 24.7666, 25.5771,
15.4359

269.0427,
280.6999, 237.7206

■ 16.0311, 16.5075,
8.9759

■ 50.7240, 52.5919,
36.3691

■ 9.6371, 9.8840,
4.6288

■ 68.6765, 71.3060,
51.6794

■ 5.2194, 5.3221,
1.9763

■ 90.4320, 94.0036,
70.7769

■ 2.4127, 2.4375,
0.5406

■ 116.3560,
121.0693, 94.0801

■ 0.8514, 0.8451,
0.0000

146.8136,
152.8873, 122.0075

■ 0.0000, 0.0000,
0.0000

182.1704,

189.8422, 154.9777

222.7917,
232.3182, 193.4092

■ 24.7666, 25.5771,
15.4359

■ 24.7666, 25.5771,
15.4359

■ 23.3407, 23.8057,
11.6298

■ 26.3773, 27.4872,
20.0150

■ 22.0887, 22.1650,
8.5512

■ 28.1790, 29.5368,
25.4060

■ 21.0015, 20.6513,
6.1518

■ 30.1801, 31.7308,
31.6472

■ 20.0681, 19.2592,
4.3773

■ 32.3877, 34.0732,
38.7738

■ 19.2761, 17.9828,
3.1646

■ 34.8088, 36.5674,
46.8192

■ 18.6069, 16.8137,
2.4198

■ 37.4498, 39.2169,
55.8150

■ 18.3906, 16.4284,
2.2017

■ 40.3169, 42.0251,
65.7912

■ 43.4159, 44.9950,
76.7765

■ 46.7527, 48.1298,
88.7984

Harmonies

Analogous

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



27.4325, 25.5771, 17.2926



24.7666, 25.5771, 15.4359



22.1648, 25.5771, 16.3644

Triad

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



24.7666, 25.5771, 15.4359



19.8734, 25.5771, 34.6760



28.8514, 25.5771, 37.3454

Complementary

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



24.7666, 25.5771, 15.4359



17.7430, 18.2460, 34.0392

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.



26.5898, 25.5771, 43.7415



24.7666, 25.5771, 15.4359



21.4344, 25.5771, 42.0099

Square

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



24.7666, 25.5771, 15.4359



19.4643, 25.5771, 26.5704



23.8596, 25.5771, 45.5902



29.9003, 25.5771, 29.1682

Rectangle

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



24.7666, 25.5771, 15.4359



20.7958, 25.5771, 18.5490



23.8596, 25.5771, 45.5902



28.2000, 25.5771, 39.8311

Sweetspot

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



24.7672, 25.5783, 15.4364



53.0687, 55.7341, 51.9787



21.5564, 17.3455, 19.9496



11.5787, 12.1556, 11.1300



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7672, 25.5783, 15.4364



42.8028, 43.7577, 22.1814



26.4259, 31.0111, 16.3976



6.9742, 7.3283, 7.0326



15.1815, 13.5986, 1.8246



0.3097, 0.3197, 0.0454

Inverse Universe

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



17.7430, 18.2460, 34.0392



28.1069, 28.4275, 61.1324



16.4783, 14.4254, 33.3684



6.4656, 6.7970, 8.3779



6.0875, 4.2665, 26.4099



0.1466, 0.1519, 0.4848

Previews

White Background



This preview shows how the XYZ color 24.7666, 25.5771, 15.4359 looks on a white background.

Color Contrast Check

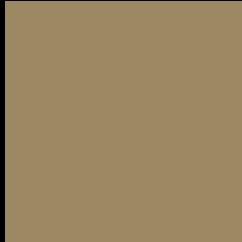
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7666, 25.5771, 15.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

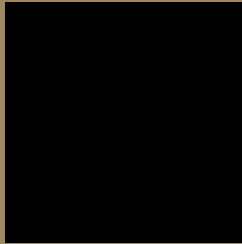
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7666, 25.5771, 15.4359

Background



This preview shows how black text looks on a background with the XYZ color 24.7666, 25.5771, 15.4359.



This preview shows how white text looks on a background with the XYZ color 24.7666, 25.5771,

15.4359.

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

24.7666, 25.5771, 15.4359

Protanopia

23.7832, 25.4866, 15.7225

Deuteranopia

25.9976, 25.5877, 15.6253



Tritanopia

27.6220, 25.7328, 28.7104

Trichromacy



Original Color

24.7666, 25.5771, 15.4359

Protanomaly

24.1948, 25.4868, 15.7008

Deuteranomaly

25.5233, 25.5474, 15.6425

Tritanomaly

26.4515, 25.6523, 23.2959

Monochromacy



Original Color

24.7666, 25.5771, 15.4359

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.2608, 25.3663, 22.6863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7666, 25.5771, 15.4359 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(156, 136, 99)` looks like.

```
.text, #text, p{  
    color:rgb(156, 136, 99)  
}
```

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(156, 136, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 136, 99) }
```

Border

The CSS property to change the border of an element to XYZ 24.7666, 25.5771, 15.4359 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(156, 136, 99) }
```


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

```
.border{ border-color:rgb(156, 136, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 136, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 136, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 136, 99);  
box-shadow:4px 4px 4px 4px rgb(156, 136,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7666, 25.5771, 15.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 136, 99) }
```

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

```
.background{ background-color: rgb(156,  
136, 99) }
```

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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