

Converting Colors

XYZ(25.5101, 23.9476, 15.5899)

Have a look what the booklet for
XYZ(25.5101, 23.9476, 15.5899)
contains.

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Color

**XYZ(25.5357, 23.9683,
15.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	A67E65
RGB	166, 126, 101
RGB Percent	65%, 49%, 40%
CMY	0.3490, 0.5059, 0.6039
CMYK	0.00, 0.24, 0.39, 0.35
HSL	23°, 27%, 52%
HSV	23°, 39%, 65%
XYZ	25.5357, 23.9683, 15.5924
YIQ	135.1100, 31.8650, 0.7050

Conversions

Conversions Part 2

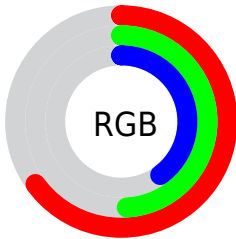
Format	Color
R_{YB}	166, 142, 101
Decimal	10911333
CIE _{Lab}	56.06, 12.04, 19.60
CIE _{LCh}	56, 23.004, 58.426
Yxy	23.9683, 0.3923, 0.3682
Android (android.graphics.Color)	4289101413 (0xFFA67E65)
YUV	135.1100, -16.8162, 27.0905
Hunter-Lab	48.9574, 7.4283, 15.3870

Details

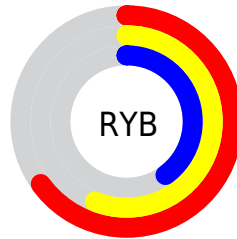
The XYZ color **25.5357, 23.9683, 15.5924** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7743, 24.5687, 39.6709**, and the grayscale version is **23.1227, 24.3268, 26.4919**.

A 20% lighter version of the original color is **51.9118, 50.0368, 36.6278**, and **10.0018, 9.0188, 4.7037** is the 20% darker color. If you saturate the color by 10%, you get **23.5631, 21.1958, 11.3194**, and if you desaturate by 10%, it is **27.8072, 27.0756, 20.7761**.

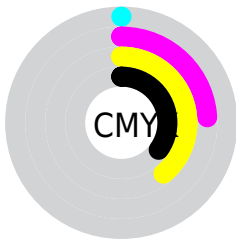
Distribution



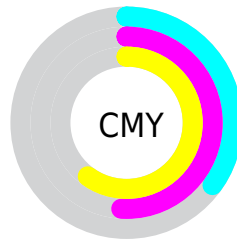
- Red (65%)
- Green (49%)
- Blue (40%)



- Red (65%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (35%)





- Cyan (35%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5357, 23.9683, 15.5924 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 25.5357, 23.9683, 15.5924 by changing the saturation by 10% instead.


 25.5357, 23.9683,
15.5924


 25.5357, 23.9683,
15.5924


272.7940,
272.6602, 238.6874


 16.6075, 15.3101,
9.0850

 51.9616, 49.9785,
36.6460


 10.0486, 9.0373,
4.6991


 70.1900, 68.0992,
52.0293

 5.4937, 4.7655,
2.0162

 92.2492, 90.1430,
71.2083

 2.5774, 2.1104,
0.5652

 118.5045,
116.4941, 94.6015

 0.9345, 0.6704,
0.0000

149.3213,
147.5370, 122.6274

 0.0000, 0.0000,
0.0000

185.0649,

183.6560, 155.7047

226.1007,
225.2356, 194.2519

■ 25.5357, 23.9683,
15.5924

■ 25.5357, 23.9683,
15.5924

■ 23.5631, 21.1958,
11.3194

■ 27.8072, 27.0756,
20.7761

■ 21.8736, 18.7427,
7.9019

■ 30.3888, 30.5254,
26.9182

■ 20.4527, 16.5974,
5.2809

■ 33.2931, 34.3298,
34.0651

■ 19.2834, 14.7461,
3.3892

■ 36.5315, 38.4988,
42.2595

■ 18.3465, 13.1736,
2.1481

■ 40.1150, 43.0422,
51.5417

■ 17.6077, 11.8583,
1.4011

■ 44.0537, 47.9695,
61.9498

■ 17.5511, 11.7575,
1.3444

■ 48.3576, 53.2896,
73.5201

■ 53.0362, 59.0113,
86.2872

■ 58.0985, 65.1430,
100.2843

Harmonies

Analogous

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



27.5291, 23.9683, 19.7869



25.5357, 23.9683, 15.5924



22.9205, 23.9683, 14.1227

Triad

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



25.5357, 23.9683, 15.5924



18.0865, 23.9683, 25.7012



25.2767, 23.9683, 41.0354

Complementary

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



25.5357, 23.9683, 15.5924



21.7743, 24.5687, 39.6709

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.



22.6424, 23.9683, 43.4368



25.5357, 23.9683, 15.5924



18.6132, 23.9683, 33.6245

Square

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



25.5357, 23.9683, 15.5924



18.7350, 23.9683, 19.2189



20.2322, 23.9683, 40.4993



27.3716, 23.9683, 34.4478

Rectangle

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



25.5357, 23.9683, 15.5924



21.2183, 23.9683, 14.6183



20.2322, 23.9683, 40.4993



24.4189, 23.9683, 42.4089

Sweetspot

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



25.5363, 23.9694, 15.5929



58.7437, 60.1182, 57.6482



25.1936, 19.3402, 27.6372



12.9975, 13.2597, 12.5345



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.



25.5363, 23.9694, 15.5929



43.1948, 39.0811, 21.4495



30.3729, 33.6427, 17.2051



7.7589, 7.9978, 7.9241



13.6525, 9.2023, 1.0567



0.3819, 0.3233, 0.0423

Inverse Universe

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



21.7743, 24.5687, 39.6709



35.3795, 40.3002, 71.3893



17.6743, 16.3687, 38.3043



7.5016, 8.0400, 9.5749



9.0790, 9.6183, 29.3535



0.2681, 0.3285, 0.7299

Previews

White Background



This preview shows how the XYZ color 25.5357, 23.9683, 15.5924 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 25.5357, 23.9683, 15.5924 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 25.5357, 23.9683, 15.5924

Background



This preview shows how black text looks on a background with the XYZ color 25.5357, 23.9683, 15.5924.



This preview shows how white text looks on a background with the XYZ color 25.5357, 23.9683,

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

25.5357, 23.9683, 15.5924

Protanopia

22.5765, 23.9994, 16.8070

Deuteranopia

24.4486, 23.9915, 15.3988



Tritanopia

27.4185, 23.9928, 24.6587

Trichromacy



Original Color

25.5357, 23.9683, 15.5924

Protanomaly

23.5639, 23.9075, 16.4694

Deuteranomaly

24.9197, 24.0398, 15.3833

Tritanomaly

26.6216, 23.8468, 20.9691

Monochromacy



Original Color

25.5357, 23.9683, 15.5924

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.6805, 24.0436, 22.1317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5357, 23.9683, 15.5924 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, 126, 101)` looks like.

```
.text, #text, p{  
    color:rgb(166, 126, 101)  
}
```

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, 126, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 126, 101) }
```

Border

The CSS property to change the border of an element to XYZ 25.5357, 23.9683, 15.5924 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, 126, 101) }
```


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

```
.border{ border-color:rgb(166, 126, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 126, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 126, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 126, 101);  
box-shadow:4px 4px 4px 4px rgb(166, 126,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5357, 23.9683, 15.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 126, 101) }
```

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

```
.background{ background-color: rgb(166,  
126, 101) }
```

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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