

Converting Colors

XYZ(24.5156, 23.0691, 15.9320)

Have a look what the booklet for
XYZ(24.5156, 23.0691, 15.9320)
contains.

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Color

**XYZ(24.5561, 23.0760,
15.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	A27C67
RGB	162, 124, 103
RGB Percent	64%, 49%, 40%
CMY	0.3647, 0.5137, 0.5961
CMYK	0.00, 0.23, 0.36, 0.36
HSL	21°, 24%, 52%
HSV	21°, 36%, 64%
XYZ	24.5561, 23.0760, 15.9918
YIQ	132.9680, 29.3890, 1.5250

Conversions

Conversions Part 2

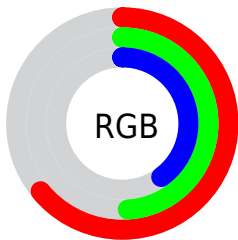
Format	Color
R_{YB}	162, 136, 103
Decimal	10648679
CIE _{Lab}	55.15, 11.77, 17.15
CIE _{LCh}	55, 20.801, 55.544
Yxy	23.0760, 0.3860, 0.3627
Android (android.graphics.Color)	4288838759 (0xFFA27C67)
YUV	132.9680, -14.7742, 25.4611
Hunter-Lab	48.0375, 7.1811, 13.8884

Details

The XYZ color **24.5561, 23.0760, 15.9918** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6395, 24.5409, 37.7786**, and the grayscale version is **22.3278, 23.4906, 25.5812**.

A 20% lighter version of the original color is **50.4683, 48.6828, 37.3086**, and **9.5366, 8.5689, 4.8927** is the 20% darker color. If you saturate the color by 10%, you get **22.5815, 20.3045, 11.7032**, and if you desaturate by 10%, it is **26.8278, 26.1894, 21.1572**.

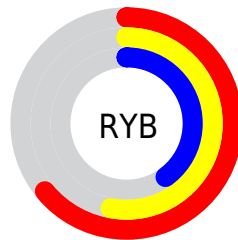
Distribution



Red (64%)

Green (49%)

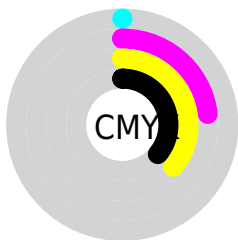
Blue (40%)



Red (64%)

Yellow (53%)

Blue (40%)

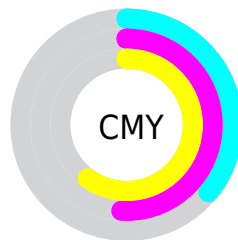


Cyan (0%)

Magenta (23%)

Yellow (36%)

Black (36%)



Cyan (36%)


Magenta (51%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5561, 23.0760, 15.9918 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 24.5561, 23.0760, 15.9918 by changing the saturation by 10% instead.


 24.5561, 23.0760,
15.9918


 24.5561, 23.0760,
15.9918


268.0086,
268.1151, 241.1374


 15.8736, 14.6496,
9.3641


 50.3843, 48.5181,
37.3506


 9.5250, 8.5739,
4.8794


 68.2607, 66.3026,
52.9187

 5.1450, 4.4643,
2.1191

 89.9324, 87.9753,
72.3040

 2.3682, 1.9365,
0.6271

 115.7648,
113.9205, 95.9250

 0.8292, 0.5702,
0.0000

146.1233,
144.5228, 124.2003

 0.0000, 0.0000,
0.0000

181.3732,

180.1663, 157.5485

221.8798,
221.2356, 196.3880

■ 24.5561, 23.0760,
15.9918

■ 24.5561, 23.0760,
15.9918

■ 22.5815, 20.3045,
11.7032

■ 26.8278, 26.1894,
21.1572

■ 20.8889, 17.8593,
8.2406

■ 29.4073, 29.6531,
27.2436

■ 19.4642, 15.7287,
5.5497


■ 32.3069, 33.4789,
34.2940


■ 18.2913, 13.8985,
3.5694


■ 35.5378, 37.6775,
42.3480


■ 17.3521, 12.3534,
2.2290

■ 39.1104, 42.2589,
51.4433


 16.6226, 11.0753,
1.4282

 43.0349, 47.2326,
61.6153

 16.3968, 10.6745,
1.1962

 47.3208, 52.6079,
72.8980

 51.9773, 58.3939,
85.3238

 57.0134, 64.5992,
98.9237

Harmonies

Analogous

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



26.2111, 23.0760, 20.0077



24.5561, 23.0760, 15.9918



22.2816, 23.0760, 14.4161

Triad

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



24.5561, 23.0760, 15.9918



17.7778, 23.0760, 24.1459



23.9143, 23.0760, 38.5119

Complementary

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



24.5561, 23.0760, 15.9918



21.6395, 24.5409, 37.7786

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.



21.5882, 23.0760, 40.1438



24.5561, 23.0760, 15.9918



18.1478, 23.0760, 31.0499

Square

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



24.5561, 23.0760, 15.9918



18.4551, 23.0760, 18.5662



19.5038, 23.0760, 37.2068



25.8225, 23.0760, 33.0729

Rectangle

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



24.5561, 23.0760, 15.9918



20.7587, 23.0760, 14.7142



19.5038, 23.0760, 37.2068



23.1509, 23.0760, 39.5606

Sweetspot

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



24.5567, 23.0771, 15.9923



56.0559, 57.3686, 55.9043



24.5844, 19.3156, 27.7687



12.4393, 12.6858, 12.1901



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.



24.5567, 23.0771, 15.9923



41.5277, 37.6173, 22.3754



28.7643, 31.4922, 17.3948



7.2705, 7.4794, 7.4406



12.9555, 8.4848, 0.9549



0.3156, 0.2651, 0.0345

Inverse Universe

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



21.6395, 24.5409, 37.7786



35.4016, 40.6632, 68.0390



17.8929, 17.0477, 36.5298



7.0630, 7.5849, 8.9948



9.1056, 9.9906, 28.3782



0.2334, 0.2941, 0.6103

Previews

White Background



This preview shows how the XYZ color 24.5561, 23.0760, 15.9918 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 24.5561, 23.0760, 15.9918 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 24.5561, 23.0760, 15.9918

Background



This preview shows how black text looks on a background with the XYZ color 24.5561, 23.0760, 15.9918.



This preview shows how white text looks on a background with the XYZ color 24.5561, 23.0760,

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

24.5561, 23.0760, 15.9918

Protanopia

21.7203, 23.1395, 17.2315

Deuteranopia

23.5052, 23.1066, 15.7915



Tritanopia

26.2628, 23.0440, 24.1828

Trichromacy



Original Color

24.5561, 23.0760, 15.9918

Protanomaly

22.6645, 23.0370, 16.8877

Deuteranomaly

23.9597, 23.1501, 15.7760

Tritanomaly

25.5374, 22.9233, 20.8480

Monochromacy



Original Color

24.5561, 23.0760, 15.9918

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9971, 23.2997, 21.6976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5561, 23.0760, 15.9918 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(162, 124, 103)` looks like.

```
.text, #text, p{  
    color:rgb(162, 124, 103)  
}
```

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(162, 124, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 124, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.5561, 23.0760, 15.9918 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(162, 124, 103) }
```


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

```
.border{ border-color:rgb(162, 124, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 124, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 124, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 124, 103);  
box-shadow:4px 4px 4px 4px rgb(162, 124,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5561, 23.0760, 15.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 124, 103) }
```

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

```
.background{ background-color: rgb(162,  
124, 103) }
```

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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