

Converting Colors

XYZ(24.1877, 23.4698, 15.3119)

Have a look what the booklet for
XYZ(24.1877, 23.4698, 15.3119)
contains.

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Color

**XYZ(24.1877, 23.4698,
15.3119)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7F64
RGB	159, 127, 100
RGB Percent	62%, 50%, 39%
CMY	0.3765, 0.5019, 0.6078
CMYK	0.00, 0.20, 0.37, 0.38
HSL	27°, 24%, 51%
HSV	27°, 37%, 62%
XYZ	24.1877, 23.4698, 15.3119
YIQ	133.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

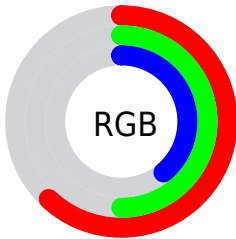
Format	Color
R_{YB}	159, 150, 100
Decimal	10452836
CIE _{Lab}	55.55, 8.43, 19.36
CIE _{LCh}	56, 21.119, 66.465
Yxy	23.4698, 0.3841, 0.3727
Android (android.graphics.Color)	4288642916 (0xFF9F7F64)
YUV	133.4900, -16.5106, 22.3723
Hunter-Lab	48.4456, 4.3407, 15.1725

Details

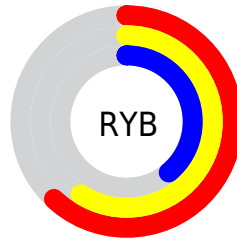
The XYZ color **24.1877, 23.4698, 15.3119** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7645, 21.7143, 35.9504**, and the grayscale version is **22.5250, 23.6980, 25.8071**.

A 20% lighter version of the original color is **49.9315, 49.3240, 36.1670**, and **9.3109, 8.7700, 4.5702** is the 20% darker color. If you saturate the color by 10%, you get **22.4257, 21.0595, 11.2912**, and if you desaturate by 10%, it is **26.1964, 26.1330, 20.1564**.

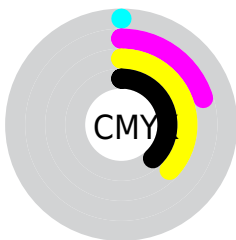
Distribution



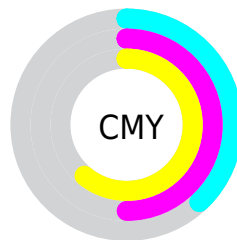
- Red (62%)
- Green (50%)
- Blue (39%)



- Red (62%)
- Yellow (59%)
- Blue (39%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1877, 23.4698, 15.3119 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 24.1877, 23.4698, 15.3119 by changing the saturation by 10% instead.


 24.1877, 23.4698,
15.3119


 24.1877, 23.4698,
15.3119


266.1910,
270.1289, 236.9518

 15.5984, 14.9408,
8.8895


 49.7888, 49.1636,
36.1494


 9.3295, 8.7778,
4.5734


 67.5313, 67.0972,
51.4017

 5.0155, 4.5966,
1.9449

 89.0555, 88.9344,
70.4343

 2.2912, 2.0126,
0.5211

 114.7269,
115.0596, 93.6658

 0.7902, 0.6148,
0.0000

144.9108,
145.8573, 121.5148

 0.0000, 0.0000,
0.0000

179.9725,

181.7118, 154.3998

220.2775,
223.0075, 192.7393

■ 24.1877, 23.4698,
15.3119

■ 24.1877, 23.4698,
15.3119

■ 22.4257, 21.0595,
11.2912

■ 26.1964, 26.1330,
20.1564

■ 20.8975, 18.8906,
8.0459

■ 28.4605, 29.0537,
25.8664

■ 19.5916, 16.9554,
5.5246

■ 30.9901, 32.2403,
32.4828

■ 18.4944, 15.2443,
3.6691

■ 33.7945, 35.7000,
40.0431

■ 17.5907, 13.7469,
2.4118

■ 36.8824, 39.4396,
48.5828

■ 16.8576, 12.4496,
1.6466

■ 40.2620, 43.4656,
58.1356

■ 16.6657, 12.1062,
1.4583

■ 43.9413, 47.7842,
68.7335

■ 47.9278, 52.4017,
80.4072

■ 52.2289, 57.3239,
93.1860

Harmonies

Analogous

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



26.1994, 23.4698, 18.5212



24.1877, 23.4698, 15.3119



21.7953, 23.4698, 14.6064

Triad

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



24.1877, 23.4698, 15.3119



18.0567, 23.4698, 27.0610



25.1432, 23.4698, 37.6291

Complementary

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



24.1877, 23.4698, 15.3119



19.7645, 21.7143, 35.9504

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.



22.8273, 23.4698, 40.9393



24.1877, 23.4698, 15.3119



18.8212, 23.4698, 34.1752

Square

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



24.1877, 23.4698, 15.3119



18.3642, 23.4698, 20.6641



20.5271, 23.4698, 39.5743



26.7780, 23.4698, 31.1616

Rectangle

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



24.1877, 23.4698, 15.3119



20.3268, 23.4698, 15.5143



20.5271, 23.4698, 39.5743



24.4125, 23.4698, 39.1959

Sweetspot

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



24.1883, 23.4709, 15.3124



53.5831, 55.3396, 53.1112



23.0511, 18.1638, 24.2828



11.9508, 12.3132, 11.6350



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.1883, 23.4709, 15.3124



40.5338, 38.2317, 21.0443



28.4952, 32.0848, 16.7480



6.8706, 7.1213, 6.9981



13.2040, 9.6436, 1.1655



0.2779, 0.2561, 0.0348

Inverse Universe

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



19.7645, 21.7143, 35.9504



31.3724, 34.5879, 63.7661



16.3591, 14.9034, 34.8153



6.5678, 7.0013, 8.4119



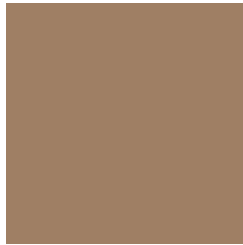
7.6277, 7.3469, 26.9233



0.1784, 0.2155, 0.4954

Previews

White Background



This preview shows how the XYZ color 24.1877, 23.4698, 15.3119 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 24.1877, 23.4698, 15.3119 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 24.1877, 23.4698, 15.3119

Background



This preview shows how black text looks on a background with the XYZ color 24.1877, 23.4698, 15.3119.



This preview shows how white text looks on a background with the XYZ color 24.1877, 23.4698,

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

24.1877, 23.4698, 15.3119

Protanopia

21.9910, 23.5051, 16.2099

Deuteranopia

23.9240, 23.5265, 15.3367



Tritanopia

26.1481, 23.5132, 24.9901

Trichromacy



Original Color

24.1877, 23.4698, 15.3119

Protanomaly

22.7273, 23.4878, 15.9061

Deuteranomaly

24.1200, 23.6275, 15.3459

Tritanomaly

25.2958, 23.3484, 20.9428

Monochromacy



Original Color

24.1877, 23.4698, 15.3119

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7228, 23.3639, 21.4012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1877, 23.4698, 15.3119 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(159, 127, 100)` looks like.

```
.text, #text, p{  
    color:rgb(159, 127, 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(159, 127, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 127, 100) }
```

Border

The CSS property to change the border of an element to XYZ 24.1877, 23.4698, 15.3119 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(159, 127, 100) }
```


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

```
.border{ border-color:rgb(159, 127, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 127, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 127, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 127, 100);  
box-shadow:4px 4px 4px 4px rgb(159, 127,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1877, 23.4698, 15.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 127, 100) }
```

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

```
.background{ background-color: rgb(159,  
127, 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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