

Converting Colors

XYZ(24.4258, 19.5317, 15.7966)

Have a look what the booklet for
XYZ(24.4258, 19.5317, 15.7966)
contains.

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Color

**XYZ(24.4133, 19.4911,
15.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6769
RGB	172, 103, 105
RGB Percent	67%, 40%, 41%
CMY	0.3255, 0.5961, 0.5882
CMYK	0.00, 0.40, 0.39, 0.33
HSL	358°, 29%, 54%
HSV	358°, 40%, 67%
XYZ	24.4133, 19.4911, 15.8400
YIQ	123.8590, 40.4820, 15.2500

Conversions

Conversions Part 2

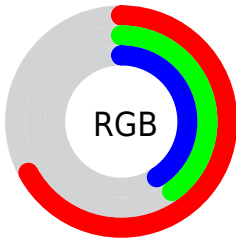
Format	Color
R_{YB}	172, 103, 105
Decimal	11298665
CIE _{Lab}	51.26, 27.93, 10.77
CIE _{LCh}	51, 29.938, 21.091
Yxy	19.4911, 0.4086, 0.3262
Android (android.graphics.Color)	4289488745 (0xFFAC6769)
YUV	123.8590, -9.2975, 42.2197
Hunter-Lab	44.1487, 21.4464, 9.6316

Details

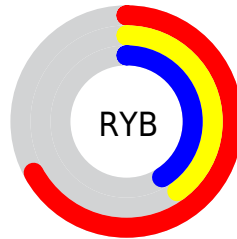
The XYZ color **24.4133, 19.4911, 15.8400** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6027, 35.2913, 43.3894**, and the grayscale version is **19.1323, 20.1286, 21.9201**.

A 20% lighter version of the original color is **50.0352, 42.5010, 37.0189**, and **9.4190, 6.7257, 4.8047** is the 20% darker color. If you saturate the color by 10%, you get **22.0993, 16.1047, 11.2412**, and if you desaturate by 10%, it is **27.2489, 23.6507, 21.4449**.

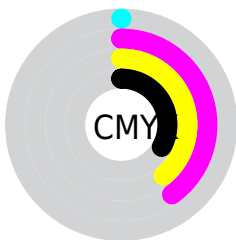
Distribution



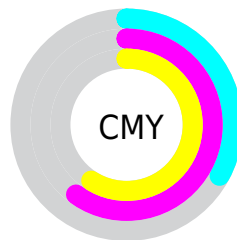
- Red (67%)
- Green (40%)
- Blue (41%)



- Red (67%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4133, 19.4911, 15.8400 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 24.4133, 19.4911, 15.8400 by changing the saturation by 10% instead.


 24.4133, 19.4911,
15.8400


 24.4133, 19.4911,
15.8400


267.3052,
249.1467, 240.2091


 15.7669, 12.0257,
9.2579


 50.1536, 42.5623,
37.0831


 9.4491, 6.7612,
4.8107


 67.9782, 58.9369,
52.5812

 5.0947, 3.3132,
2.0798

 89.5929, 79.0500,
71.8884

 2.3383, 1.2973,
0.6037

 115.3630,
103.2859, 95.4231

 0.8141, 0.1391,
0.0000

145.6540,
132.0292, 123.6041

 0.0000, 0.0000,
0.0000

180.8311,

165.6641, 156.8497

221.2597,
204.5752, 195.5785

■ 24.4133, 19.4911,
15.8400

■ 24.4133, 19.4911,
15.8400

■ 22.0993, 16.1047,
11.2412

■ 27.2489, 23.6507,
21.4449

■ 20.2737, 13.4411,
7.5878

■ 30.6334, 28.6241,
28.1095

■ 18.9019, 11.4487,
4.8146

■ 34.5944, 34.4522,
35.8846

■ 17.9441, 10.0676,
2.8474

■ 39.1569, 41.1728,
44.8178

■ 17.3537, 9.2277,
1.5999

■ 44.3444, 48.8210,
54.9536

■ 17.0405, 8.7815,
0.9397

■ 50.1794, 57.4302,
66.3345

■ 56.6830, 67.0322,
79.0006

■ 63.8757, 77.6572,
92.9904

■ 70.8232, 87.5106,
107.7662

Harmonies

Analogous

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



24.7942, 19.4911, 23.8713



24.4133, 19.4911, 15.8400



22.3695, 19.4911, 10.8293

Triad

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



24.4133, 19.4911, 15.8400



14.4088, 19.4911, 12.4819



17.6510, 19.4911, 41.9560

Complementary

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



24.4133, 19.4911, 15.8400



27.6027, 35.2913, 43.3894

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.



15.1495, 19.4911, 36.7550



24.4133, 19.4911, 15.8400



13.4143, 19.4911, 18.7772

Square

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



24.4133, 19.4911, 15.8400



16.5362, 19.4911, 9.2837



13.6701, 19.4911, 27.7041



20.6688, 19.4911, 40.5499

Rectangle

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



24.4133, 19.4911, 15.8400



20.4487, 19.4911, 9.1609



13.6701, 19.4911, 27.7041



16.7273, 19.4911, 40.8804

Sweetspot

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



24.4138, 19.4921, 15.8404



61.1602, 60.1473, 61.9640



28.8099, 21.1927, 41.6018



13.0906, 12.7758, 13.0722



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.4138, 19.4921, 15.8404



40.5678, 29.9126, 21.3424



28.1539, 27.1346, 16.5869



8.0143, 8.0190, 8.3860



12.6845, 6.5363, 0.7181



0.3558, 0.1830, 0.0356

Inverse Universe

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



24.4138, 19.4921, 15.8404



40.5678, 29.9126, 21.3424



22.3897, 24.5608, 42.5903



8.0143, 8.0190, 8.3860



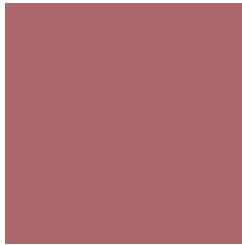
12.6845, 6.5363, 0.7181



0.3558, 0.1830, 0.0356

Previews

White Background



This preview shows how the XYZ color 24.4133, 19.4911, 15.8400 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 24.4133, 19.4911, 15.8400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

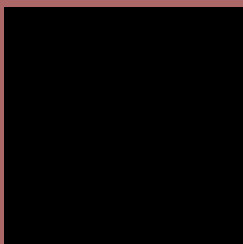
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4133, 19.4911, 15.8400

Background



This preview shows how black text looks on a background with the XYZ color 24.4133, 19.4911, 15.8400.



This preview shows how white text looks on a background with the XYZ color 24.4133, 19.4911,

15.8400.

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

24.4133, 19.4911, 15.8400

Protanopia

18.8064, 19.6689, 19.0249

Deuteranopia

19.8612, 19.5789, 15.3027



Tritanopia

24.5791, 19.3992, 17.2008

Trichromacy



Original Color

24.4133, 19.4911, 15.8400

Protanomaly

20.3277, 19.2488, 17.6829

Deuteranomaly

21.3022, 19.4649, 15.4663

Tritanomaly

24.4714, 19.3561, 16.6337

Monochromacy



Original Color

24.4133, 19.4911, 15.8400

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.4408, 19.4379, 19.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4133, 19.4911, 15.8400 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(172, 103, 105)` looks like.

```
.text, #text, p{  
    color:rgb(172, 103, 105)  
}
```

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(172, 103, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 103, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.4133, 19.4911, 15.8400 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(172, 103, 105) }
```


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

```
.border{ border-color:rgb(172, 103, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 103, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 103, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 103, 105);  
box-shadow:4px 4px 4px 4px rgb(172, 103,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4133, 19.4911, 15.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 103, 105) }
```

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

```
.background{ background-color: rgb(172,  
103, 105) }
```

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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