

Converting Colors

XYZ(24.0437, 19.5828, 17.2278)

Have a look what the booklet for
XYZ(24.0437, 19.5828, 17.2278)
contains.

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Color

**XYZ(24.0145, 19.5538,
17.2604)**

Conversions

Conversions Part 1

Format	Color
Hex	A8696E
RGB	168, 105, 110
RGB Percent	66%, 41%, 43%
CMY	0.3412, 0.5882, 0.5686
CMYK	0.00, 0.37, 0.35, 0.34
HSL	355°, 27%, 54%
HSV	355°, 37%, 66%
XYZ	24.0145, 19.5538, 17.2604
YIQ	124.4070, 35.9430, 14.9110

Conversions

Conversions Part 2

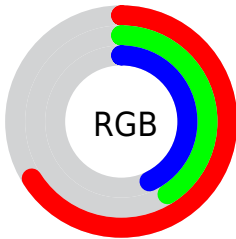
Format	Color
R_{YB}	168, 105, 110
Decimal	11037038
CIE _{Lab}	51.33, 25.88, 7.84
CIE _{LCh}	51, 27.044, 16.858
Yxy	19.5538, 0.3948, 0.3215
Android (android.graphics.Color)	4289227118 (0xFFA8696E)
YUV	124.4070, -7.1027, 38.2311
Hunter-Lab	44.2197, 19.5540, 7.8109

Details

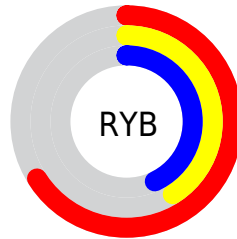
The XYZ color **24.0145, 19.5538, 17.2604** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4401, 33.6533, 39.7544**, and the grayscale version is **19.3091, 20.3147, 22.1227**.

A 20% lighter version of the original color is **49.5413, 42.6947, 39.3480**, and **9.2508, 6.7646, 5.5208** is the 20% darker color. If you saturate the color by 10%, you get **21.6994, 16.1557, 12.6902**, and if you desaturate by 10%, it is **26.8157, 23.6887, 22.7183**.

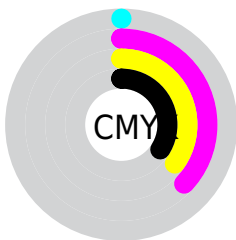
Distribution



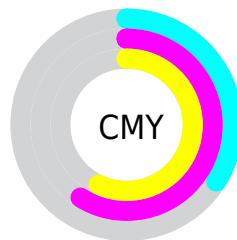
- Red (66%)
- Green (41%)
- Blue (43%)



- Red (66%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (34%)





- Cyan (34%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0145, 19.5538, 17.2604 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 24.0145, 19.5538, 17.2604 by changing the saturation by 10% instead.


 24.0145, 19.5538,
17.2604


 24.0145, 19.5538,
17.2604


265.3329,
249.4892, 248.7631


 15.4692, 12.0711,
10.2564


 49.5084, 42.6678,
39.5697


 9.2378, 6.7921,
5.4615


 67.1876, 59.0679,
55.7121

 4.9549, 3.3324,
2.4571

 88.6422, 79.2093,
75.7378

 2.2553, 1.3077,
0.8173

 114.2375,
103.4764, 100.0651

 0.7717, 0.1471,
0.0000

144.3389,
132.2535, 129.1128

 0.0000, 0.0000,
0.0000

179.3117,

165.9251, 163.2994

219.5212,
204.8756, 203.0433

■ 24.0145, 19.5538,
17.2604

■ 24.0145, 19.5538,
17.2604

■ 21.6994, 16.1557,
12.6902

■ 26.8157, 23.6887,
22.7183

■ 19.8412, 13.4484,
8.9597

■ 30.1269, 28.5970,
29.1063

■ 18.4099, 11.3854,
6.0180


■ 33.9723, 34.3165,
36.4652


■ 17.3715, 9.9131,
3.8083


■ 38.3740, 40.8815,
44.8333


■ 16.6865, 8.9693,
2.2660


■ 43.3530, 48.3244,
54.2467

 16.2968, 8.4572,
1.3118

 48.9292, 56.6761,
64.7398

 16.2232, 8.3547,
1.1494

 55.1214, 65.9655,
76.3453

 61.9478, 76.2208,
89.0946

 69.0400, 86.6975,
102.8894

Harmonies

Analogous

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



24.1181, 19.5538, 24.8564



24.0145, 19.5538, 17.2604



22.3695, 19.5538, 12.1742

Triad

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



24.0145, 19.5538, 17.2604



15.0460, 19.5538, 12.6503



17.4288, 19.5538, 39.3176

Complementary

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



24.0145, 19.5538, 17.2604



26.4401, 33.6533, 39.7544

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.



15.2539, 19.5538, 34.0988



24.0145, 19.5538, 17.2604



13.9708, 19.5538, 18.0835

Square

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



24.0145, 19.5538, 17.2604



17.1189, 19.5538, 9.9890



14.0430, 19.5538, 25.9042



20.1332, 19.5538, 38.9429

Rectangle

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



24.0145, 19.5538, 17.2604



20.7030, 19.5538, 10.3296



14.0430, 19.5538, 25.9042



16.6172, 19.5538, 38.1144

Sweetspot

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



24.0150, 19.5548, 17.2608



58.9469, 58.2516, 61.0143



27.1731, 20.6915, 39.6075



12.6505, 12.4027, 12.9209



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.



24.0150, 19.5548, 17.2608



40.0199, 30.2582, 24.3059



26.8488, 25.6454, 16.9009



7.5544, 7.5516, 7.9705



12.2594, 6.3125, 0.9115



0.3056, 0.1565, 0.0606

Inverse Universe

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



24.0150, 19.5548, 17.2608



40.0199, 30.2582, 24.3059



22.5303, 25.1030, 40.7037



7.5544, 7.5516, 7.9705



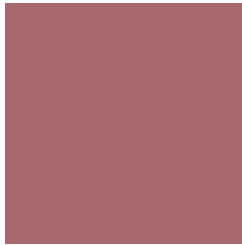
12.2594, 6.3125, 0.9115



0.3056, 0.1565, 0.0606

Previews

White Background



This preview shows how the XYZ color 24.0145, 19.5538, 17.2604 looks on a white background.

Color Contrast Check

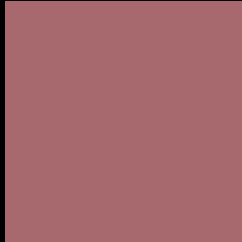
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0145, 19.5538, 17.2604 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 24.0145, 19.5538, 17.2604

Background



This preview shows how black text looks on a background with the XYZ color 24.0145, 19.5538, 17.2604.



This preview shows how white text looks on a background with the XYZ color 24.0145, 19.5538,

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

24.0145, 19.5538, 17.2604

Protanopia

18.8935, 19.6866, 20.2569

Deuteranopia

20.0004, 19.6150, 16.9193



Tritanopia

24.1247, 19.5978, 17.8405

Trichromacy



Original Color

24.0145, 19.5538, 17.2604

Protanomaly

20.3823, 19.4145, 19.1961

Deuteranomaly

21.2431, 19.3984, 17.0926

Tritanomaly

24.0693, 19.5757, 17.5488

Monochromacy



Original Color

24.0145, 19.5538, 17.2604

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5063, 19.6299, 20.1609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0145, 19.5538, 17.2604 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(168, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 105, 110)  
}
```

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(168, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 105, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.0145, 19.5538, 17.2604 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(168, 105, 110) }
```


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

```
.border{ border-color:rgb(168, 105, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(168, 105,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0145, 19.5538, 17.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 105, 110) }
```

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

```
.background{ background-color: rgb(168,  
105, 110) }
```

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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