

Converting Colors

XYZ(24.4209, 19.6634, 14.4608)

Have a look what the booklet for
XYZ(24.4209, 19.6634, 14.4608)
contains.

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Color

**XYZ(24.4841, 19.7050,
14.5696)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6864
RGB	173, 104, 100
RGB Percent	68%, 41%, 39%
CMY	0.3216, 0.5921, 0.6078
CMYK	0.00, 0.40, 0.42, 0.32
HSL	3°, 31%, 54%
HSV	3°, 42%, 68%
XYZ	24.4841, 19.7050, 14.5696
YIQ	124.1750, 42.4080, 13.3840

Conversions

Conversions Part 2

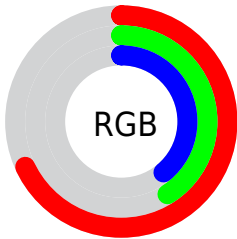
Format	Color
R_{YB}	173, 104, 100
Decimal	11364452
CIE Lab	51.50, 27.18, 14.09
CIE LCh	52, 30.616, 27.394
Yxy	19.7050, 0.4167, 0.3354
Android (android.graphics.Color)	4289554532 (0xFFAD6864)
YUV	124.1750, -11.9183, 42.8195
Hunter-Lab	44.3903, 20.7711, 11.6133

Details

The XYZ color **24.4841, 19.7050, 14.5696** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9855, 34.1006, 44.6947**, and the grayscale version is **19.2457, 20.2479, 22.0500**.

A 20% lighter version of the original color is **50.4294, 43.0002, 34.9201**, and **9.4800, 6.8410, 4.1889** is the 20% darker color. If you saturate the color by 10%, you get **22.2447, 16.4269, 10.1215**, and if you desaturate by 10%, it is **27.2215, 23.6944, 20.0613**.

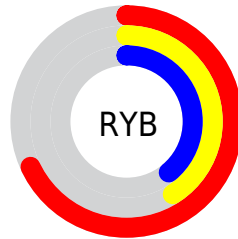
Distribution



Red (68%)

Green (41%)

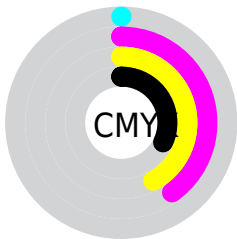
Blue (39%)



Red (68%)

Yellow (41%)

Blue (39%)

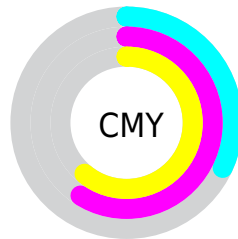


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (32%)



Cyan (32%)

Magenta (59%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4841, 19.7050, 14.5696 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 24.4841, 19.7050, 14.5696 by changing the saturation by 10% instead.


 24.4841, 19.7050,
14.5696


 24.4841, 19.7050,
14.5696


267.6542,
250.3136, 232.2965

 15.8198, 12.1808,
8.3746


 50.2680, 42.9220,
34.8279


 9.4868, 6.8669,
4.2444


 68.1183, 59.3837,
49.7283

 5.1197, 3.3790,
1.7604

 89.7613, 79.5932,
68.3676

 2.3531, 1.3327,
0.4016

 115.5623,
103.9351, 91.1643

 0.8216, 0.1663,
0.0000

145.8868,
132.7936, 118.5371

 0.0000, 0.0000,
0.0000

181.1000,

166.5533, 150.9043

221.5673,
205.5985, 188.6846

■ 24.4841, 19.7050,
14.5696

■ 24.4841, 19.7050,
14.5696

■ 22.2447, 16.4269,
10.1215

■ 27.2215, 23.6944,
20.0613

■ 20.4718, 13.8157,
6.6499

■ 30.4827, 28.4304,
26.6556

■ 19.1330, 11.8263,
4.0815


■ 34.2936, 33.9494,
34.4086


■ 18.1907, 10.4071,
2.3326

■ 38.6780, 40.2847,
43.3722


■ 17.6011, 9.4980,
1.3035


■ 43.6581, 47.4675,
53.5950

 17.3365, 9.0902,
0.8408

 49.2552, 55.5274,
65.1233

 55.4894, 64.4928,
78.0006

 62.3798, 74.3904,
92.2688

 69.8319, 85.2010,
107.3727

Harmonies

Analogous

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



25.2779, 19.7050, 22.2346



24.4841, 19.7050, 14.5696



22.0990, 19.7050, 10.1190

Triad

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



24.4841, 19.7050, 14.5696



14.1769, 19.7050, 13.5634



18.4614, 19.7050, 43.2050

Complementary

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



24.4841, 19.7050, 14.5696



26.9855, 34.1006, 44.6947

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.



15.7203, 19.7050, 39.1137



24.4841, 19.7050, 14.5696



13.4219, 19.7050, 20.6946

Square

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



24.4841, 19.7050, 14.5696



16.1383, 19.7050, 9.6596



13.9548, 19.7050, 30.2271



21.5831, 19.7050, 40.2740

Rectangle

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



24.4841, 19.7050, 14.5696



20.0492, 19.7050, 8.8102



13.9548, 19.7050, 30.2271



17.4680, 19.7050, 42.5850

Sweetspot

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



24.4846, 19.7060, 14.5700



60.6680, 59.7163, 60.0939



28.9850, 20.8764, 40.2103



12.8523, 12.4969, 12.3829



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.



24.4846, 19.7060, 14.5700



39.9491, 29.5809, 18.3434



28.9338, 28.6044, 16.0530



8.0392, 8.0832, 8.3499



12.7502, 6.7060, 0.6224



0.3659, 0.2089, 0.0210

Inverse Universe

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



26.9855, 34.1006, 44.6947



45.0369, 58.9219, 79.8051



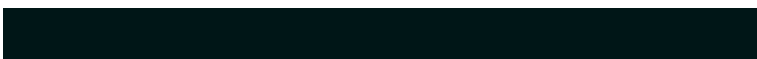
21.1655, 22.4606, 42.7547



8.1981, 8.9957, 10.2569



15.2437, 21.6212, 32.4144



0.4352, 0.6237, 0.9054

Previews

White Background



This preview shows how the XYZ color 24.4841, 19.7050, 14.5696 looks on a white background.

Color Contrast Check

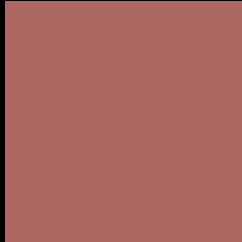
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4841, 19.7050, 14.5696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

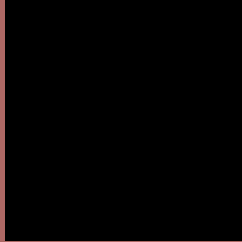
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4841, 19.7050, 14.5696

Background



This preview shows how black text looks on a background with the XYZ color 24.4841, 19.7050, 14.5696.



This preview shows how white text looks on a background with the XYZ color 24.4841, 19.7050,

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

24.4841, 19.7050, 14.5696

Protanopia

18.8965, 19.9372, 17.3203

Deuteranopia

20.1377, 19.7492, 14.0599



Tritanopia

25.0214, 19.6272, 17.2215

Trichromacy



Original Color

24.4841, 19.7050, 14.5696

Protanomaly

20.5240, 19.5511, 16.3277

Deuteranomaly

21.6273, 19.6607, 14.2103

Tritanomaly

24.9073, 19.7398, 16.1331

Monochromacy



Original Color

24.4841, 19.7050, 14.5696

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.6111, 19.7112, 18.9380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4841, 19.7050, 14.5696 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(173, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(173, 104, 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(173, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 104, 100) }
```

Border

The CSS property to change the border of an element to XYZ 24.4841, 19.7050, 14.5696 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(173, 104, 100) }
```


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

```
.border{ border-color:rgb(173, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 104, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 104, 100);  
box-shadow:4px 4px 4px 4px rgb(173, 104,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4841, 19.7050, 14.5696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 104, 100) }
```

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

```
.background{ background-color: rgb(173,  
104, 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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