

Converting Colors

XYZ(24.4129, 17.5014, 26.4139)

Have a look what the booklet for
XYZ(24.4129, 17.5014, 26.4139)
contains.

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Color

**XYZ(24.4648, 17.5012,
26.5147)**

Conversions

Conversions Part 1

Format	Color
Hex	A85A8B
RGB	168, 90, 139
RGB Percent	66%, 35%, 55%
CMY	0.3412, 0.6470, 0.4549
CMYK	0.00, 0.46, 0.17, 0.34
HSL	322°, 31%, 51%
HSV	322°, 46%, 66%
XYZ	24.4648, 17.5012, 26.5147
YIQ	118.9080, 30.7590, 31.7750

Conversions

Conversions Part 2

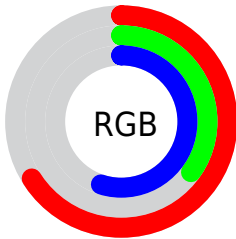
Format	Color
R_{YB}	168, 90, 139
Decimal	11033227
CIE _{Lab}	48.89, 38.38, -13.02
CIE _{LCh}	49, 40.527, 341.258
Yxy	17.5012, 0.3573, 0.2556
Android (android.graphics.Color)	4289223307 (0xFFA85A8B)
YUV	118.9080, 9.9054, 43.0537
Hunter-Lab	41.8344, 31.1766, -8.2939

Details

The XYZ color **24.4648, 17.5012, 26.5147** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5496, 31.5114, 22.4006**, and the grayscale version is **17.4688, 18.3786, 20.0143**.

A 20% lighter version of the original color is **50.3500, 39.2038, 55.3654**, and **9.5014, 5.8163, 10.0731** is the 20% darker color. If you saturate the color by 10%, you get **22.7612, 14.8035, 23.7590**, and if you desaturate by 10%, it is **26.5158, 20.8515, 29.5152**.

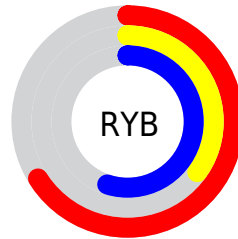
Distribution



Red (66%)

Green (35%)

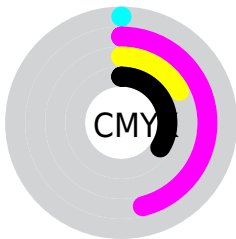
Blue (55%)



Red (66%)

Yellow (35%)

Blue (55%)

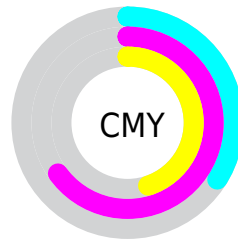


Cyan (0%)

Magenta (46%)

Yellow (17%)

Black (34%)



Cyan (34%)


Magenta (65%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4648, 17.5012, 26.5147 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 24.4648, 17.5012, 26.5147 by changing the saturation by 10% instead.


 24.4648, 17.5012,
26.5147


 24.4648, 17.5012,
26.5147


267.5591,
238.0443, 298.9851


 15.8054, 10.5925,
16.9799


 50.2368, 39.1855,
55.0984

 9.4765, 5.7935,
10.0583


 68.0801, 54.7299,
74.9843

 5.1129, 2.7199,
5.3315

 89.7154, 73.9217,
99.1577

 2.3491, 0.9873,
2.3810

 115.5080, 97.1451,
128.0370

 0.8196, 0.0000,
0.7760

145.8233,
124.7847, 162.0409

 0.0000, 0.0000,
0.0000

181.0267,

157.2249, 201.5878

221.4835,
194.8499, 247.0964

■ 24.4648, 17.5012,
26.5147

■ 24.4648, 17.5012,
26.5147

■ 22.7612, 14.8035,
23.7590

■ 26.5158, 20.8515,
29.5152

■ 21.3812, 12.7121,
21.2376

■ 28.9328, 24.8917,
32.7684

■ 20.3001, 11.1783,
18.9402

■ 31.7350, 29.6591,
36.2827

■ 19.4892, 10.1452,
16.8549

■ 34.9398, 35.1879,
40.0660

■ 18.9082, 9.5330,
14.9662

■ 38.5633, 41.5098,
44.1255

■ 18.7260, 9.3559,
14.3283

■ 42.6208, 48.6549,
48.4684

■ 47.1269, 56.6516,
53.1013

■ 52.0954, 65.5269,
58.0306

■ 57.5396, 75.3068,
63.2626

Harmonies

Analogous

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



21.8732, 17.5012, 39.2491



24.4648, 17.5012, 26.5147



24.7821, 17.5012, 15.2920

Triad

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



24.4648, 17.5012, 26.5147



15.2622, 17.5012, 5.1064



11.7689, 17.5012, 36.2352

Complementary

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



24.4648, 17.5012, 26.5147



21.5496, 31.5114, 22.4006

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.



10.5024, 17.5012, 23.3915



24.4648, 17.5012, 26.5147



12.3069, 17.5012, 7.3422

Square

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



24.4648, 17.5012, 26.5147



19.0677, 17.5012, 5.4028



10.6833, 17.5012, 13.1461



14.4174, 17.5012, 46.1645

Rectangle

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



24.4648, 17.5012, 26.5147



23.6133, 17.5012, 10.2032



10.6833, 17.5012, 13.1461



11.1869, 17.5012, 31.9484

Sweetspot

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



24.4653, 17.5020, 26.5150



58.7860, 55.8775, 67.2872



18.2778, 14.0341, 38.7916



12.5629, 11.7500, 14.3640



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.



24.4653, 17.5020, 26.5150



41.1364, 26.6044, 42.8268



22.1249, 16.5659, 14.1907



7.7218, 7.6186, 8.8523



14.1664, 7.0753, 10.9538



0.3682, 0.1815, 0.3902

Inverse Universe

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



24.4653, 17.5020, 26.5150



41.1364, 26.6044, 42.8268



24.3569, 32.6343, 37.1833



7.7218, 7.6186, 8.8523



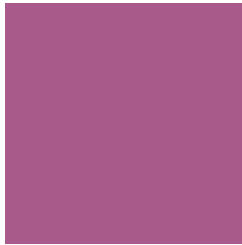
14.1664, 7.0753, 10.9538



0.3682, 0.1815, 0.3902

Previews

White Background



This preview shows how the XYZ color 24.4648, 17.5012, 26.5147 looks on a white 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

Black Background



This preview shows how the XYZ color 24.4648, 17.5012, 26.5147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

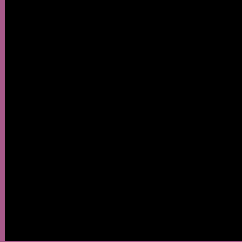
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4648, 17.5012, 26.5147

Background



This preview shows how black text looks on a background with the XYZ color 24.4648, 17.5012, 26.5147.



This preview shows how white text looks on a background with the XYZ color 24.4648, 17.5012,

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

24.4648, 17.5012, 26.5147

Protanopia

18.0422, 17.6990, 34.3636

Deuteranopia

17.9982, 17.7058, 25.3906



Tritanopia

22.0832, 17.4414, 15.2993

Trichromacy



Original Color

24.4648, 17.5012, 26.5147

Protanomaly

19.5611, 17.0993, 31.1237

Deuteranomaly

19.8120, 17.1991, 25.5681

Tritanomaly

22.7306, 17.2891, 18.9687

Monochromacy



Original Color

24.4648, 17.5012, 26.5147

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.4450, 17.5498, 22.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4648, 17.5012, 26.5147 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, 90, 139)` looks like.

```
.text, #text, p{  
    color:rgb(168, 90, 139)  
}
```

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, 90, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 90, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.4648, 17.5012, 26.5147 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, 90, 139) }
```


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

```
.border{ border-color:rgb(168, 90, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 90, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 90, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 90, 139);  
box-shadow:4px 4px 4px 4px rgb(168, 90,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4648, 17.5012, 26.5147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 90, 139) }
```

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

```
.background{ background-color: rgb(168, 90,  
139) }
```

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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