

Converting Colors

XYZ(24.1024, 18.4458, 17.0419)

Have a look what the booklet for
XYZ(24.1024, 18.4458, 17.0419)
contains.

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Color

**XYZ(24.1024, 18.4458,
17.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	AC616E
RGB	172, 97, 110
RGB Percent	67%, 38%, 43%
CMY	0.3255, 0.6196, 0.5686
CMYK	0.00, 0.44, 0.36, 0.33
HSL	350°, 31%, 53%
HSV	350°, 44%, 67%
XYZ	24.1024, 18.4458, 17.0419
YIQ	120.9070, 40.5270, 19.9430

Conversions

Conversions Part 2

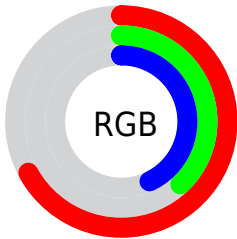
Format	Color
R_{YB}	172, 97, 110
Decimal	11297134
CIE _{Lab}	50.03, 31.86, 6.07
CIE _{LCh}	50, 32.428, 10.782
Yxy	18.4458, 0.4045, 0.3095
Android (android.graphics.Color)	4289487214 (0xFFAC616E)
YUV	120.9070, -5.3772, 44.8086
Hunter-Lab	42.9486, 25.0128, 6.5379

Details

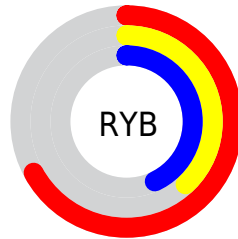
The XYZ color **24.1024, 18.4458, 17.0419** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9411, 34.5500, 38.1043**, and the grayscale version is **18.1520, 19.0974, 20.7970**.

A 20% lighter version of the original color is **49.4936, 40.7261, 38.9705**, and **9.2903, 6.2547, 5.4203** is the 20% darker color. If you saturate the color by 10%, you get **21.9689, 15.3199, 12.8128**, and if you desaturate by 10%, it is **26.7057, 22.3123, 22.0410**.

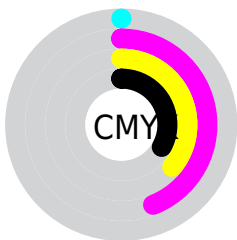
Distribution



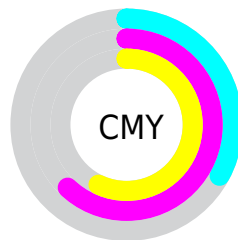
- Red (67%)
- Green (38%)
- Blue (43%)



- Red (67%)
- Yellow (38%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (33%)





- Cyan (33%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1024, 18.4458, 17.0419 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 24.1024, 18.4458, 17.0419 by changing the saturation by 10% instead.


 24.1024, 18.4458,
17.0419


 24.1024, 18.4458,
17.0419


265.7686,
243.3719, 247.4658


 15.5347, 11.2705,
10.1021


 49.6507, 40.7955,
39.1894

 9.2843, 6.2491,
5.3602


 67.3621, 56.7387,
55.2343

 4.9857, 2.9971,
2.3977

 88.8521, 76.3734,
75.1512

 2.2735, 1.1302,
0.7852

 114.4860,
100.0838, 99.3587

 0.7811, 0.0036,
0.0000

144.6293,
128.2545, 128.2754

 0.0000, 0.0000,
0.0000

179.6473,

161.2699, 162.3198

219.9053,
199.5142, 201.9104

■ 24.1024, 18.4458,
17.0419

■ 24.1024, 18.4458,
17.0419

■ 21.9689, 15.3199,
12.8128

■ 26.7057, 22.3123,
22.0410

■ 20.2753, 12.8846,
9.3139

■ 29.8034, 26.9599,
27.8449

■ 18.9906, 11.0878,
6.5035

■ 33.4199, 32.4293,
34.4875

■ 18.0788, 9.8691,
4.3351

■ 37.5778, 38.7577,
42.0007

■ 17.4976, 9.1560,
2.7561

■ 42.2982, 45.9798,
50.4143

■ 17.2451, 8.8634,
2.0172

■ 47.6012, 54.1286,
59.7569

■ 53.5057, 63.2353,
70.0560

■ 60.0300, 73.3298,
81.3377

■ 67.1913, 84.4404,
93.6272

Harmonies

Analogous

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



23.8214, 18.4458, 26.2799



24.1024, 18.4458, 17.0419



22.4725, 18.4458, 10.8306

Triad

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



24.1024, 18.4458, 17.0419



13.9020, 18.4458, 9.6903



15.6327, 18.4458, 41.0397

Complementary

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



24.1024, 18.4458, 17.0419



25.9411, 34.5500, 38.1043

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.



13.3748, 18.4458, 33.5093



24.1024, 18.4458, 17.0419



12.4605, 18.4458, 14.9482

Square

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



24.1024, 18.4458, 17.0419



16.4349, 18.4458, 7.5024



12.2797, 18.4458, 23.4689



18.6772, 18.4458, 42.1010

Rectangle

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



24.1024, 18.4458, 17.0419



20.6231, 18.4458, 8.5208



12.2797, 18.4458, 23.4689



14.7666, 18.4458, 39.0951

Sweetspot

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



24.1029, 18.4467, 17.0423



60.8893, 59.2271, 63.0401



25.8715, 18.8234, 41.2994



12.9068, 12.3772, 13.1060



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.



24.1029, 18.4467, 17.0423



40.0887, 28.1325, 23.7161



25.9786, 23.2486, 14.4286



8.0598, 8.0372, 8.6257



12.8479, 6.6017, 1.5786



0.3740, 0.1903, 0.1312

Inverse Universe

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



24.1029, 18.4467, 17.0423



40.0887, 28.1325, 23.7161



23.0061, 26.7790, 42.9860



8.0598, 8.0372, 8.6257



12.8479, 6.6017, 1.5786



0.3740, 0.1903, 0.1312

Previews

White Background



This preview shows how the XYZ color 24.1024, 18.4458, 17.0419 looks on a white background.

Color Contrast Check

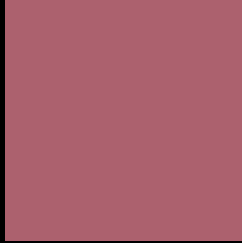
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1024, 18.4458, 17.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

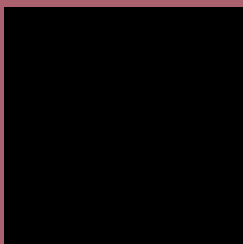
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1024, 18.4458, 17.0419

Background



This preview shows how black text looks on a background with the XYZ color 24.1024, 18.4458, 17.0419.



This preview shows how white text looks on a background with the XYZ color 24.1024, 18.4458,

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

24.1024, 18.4458, 17.0419

Protanopia

17.9948, 18.6637, 21.0664

Deuteranopia

18.9379, 18.5572, 16.4937



Tritanopia

23.9307, 18.5259, 15.6792

Trichromacy



Original Color

24.1024, 18.4458, 17.0419

Protanomaly

19.7697, 18.2523, 19.6206

Deuteranomaly

20.4638, 18.1974, 16.6212

Tritanomaly

24.0348, 18.5676, 16.2270

Monochromacy



Original Color

24.1024, 18.4458, 17.0419

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.8203, 18.4481, 19.3458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1024, 18.4458, 17.0419 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, 97, 110)` looks like.

```
.text, #text, p{  
    color:rgb(172, 97, 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(172, 97, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 97, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.1024, 18.4458, 17.0419 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, 97, 110) }
```


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

```
.border{ border-color:rgb(172, 97, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 97, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 97, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 97, 110);  
box-shadow:4px 4px 4px 4px rgb(172, 97,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1024, 18.4458, 17.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 97, 110) }
```

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

```
.background{ background-color: rgb(172, 97,  
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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