

Converting Colors

XYZ(24.7583, 18.7940, 14.7939)

Have a look what the booklet for
XYZ(24.7583, 18.7940, 14.7939)
contains.

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Color

**XYZ(24.8044, 18.8558,
14.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	B16166
RGB	177, 97, 102
RGB Percent	69%, 38%, 40%
CMY	0.3059, 0.6196, 0.6000
CMYK	0.00, 0.45, 0.42, 0.31
HSL	356°, 34%, 54%
HSV	356°, 45%, 69%
XYZ	24.8044, 18.8558, 14.9026
YIQ	121.4900, 46.0750, 18.5150

Conversions

Conversions Part 2

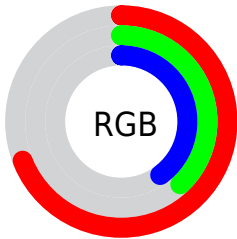
Format	Color
R_{YB}	177, 97, 102
Decimal	11624806
CIE _{Lab}	50.52, 32.81, 11.62
CIE _{LCh}	51, 34.802, 19.499
Yxy	18.8558, 0.4236, 0.3220
Android (android.graphics.Color)	4289814886 (0xFFB16166)
YUV	121.4900, -9.6086, 48.6823
Hunter-Lab	43.4233, 25.9727, 10.0483

Details

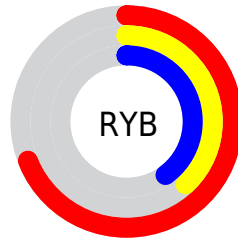
The XYZ color **24.8044, 18.8558, 14.9026** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.0992, 36.9646, 44.6857**, and the grayscale version is **18.3529, 19.3087, 21.0271**.

A 20% lighter version of the original color is **50.7582, 41.4570, 35.4637**, and **9.6317, 6.4547, 4.3527** is the 20% darker color. If you saturate the color by 10%, you get **22.6053, 15.6455, 10.5077**, and if you desaturate by 10%, it is **27.5341, 22.8636, 20.2876**.

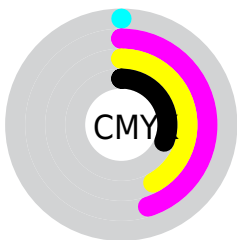
Distribution



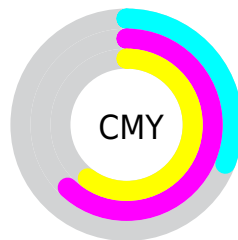
- Red (69%)
- Green (38%)
- Blue (40%)



- Red (69%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8044, 18.8558, 14.9026 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 24.8044, 18.8558, 14.9026 by changing the saturation by 10% instead.


 24.8044, 18.8558,
14.9026


 24.8044, 18.8558,
14.9026


269.2281,
245.6515, 234.3964


 16.0593, 11.5661,
8.6052


 50.7849, 41.4903,
35.4221

 9.6573, 6.4490,
4.3913


 68.7511, 57.6039,
50.4813

 5.2328, 3.1200,
1.8424

 90.5216, 77.4276,
69.2981

 2.4207, 1.1947,
0.4557

 116.4620,
101.3458, 92.2912

 0.8554, 0.0574,
0.0000

146.9374,
129.7429, 119.8790

 0.0000, 0.0000,
0.0000

182.3134,

163.0033, 152.4801

222.9551,
201.5114, 190.5130

■ 24.8044, 18.8558,
14.9026

■ 24.8044, 18.8558,
14.9026

■ 22.6053, 15.6455,
10.5077

■ 27.5341, 22.8636,
20.2876

■ 20.9010, 13.1769,
7.0414

■ 30.8243, 27.7143,
26.7167

■ 19.6533, 11.3913,
4.4374


■ 34.7044, 33.4533,
34.2414


■ 18.8181, 10.2201,
2.6198


■ 39.2014, 40.1217,
42.9095


■ 18.3415, 9.5788,
1.4995

■ 44.3404, 47.7584,
52.7658

 18.1921, 9.3714,
1.1683

 50.1454, 56.3997,
63.8529

 56.6390, 66.0803,
76.2112

 63.8428, 76.8332,
89.8793

 71.3596, 87.8544,
104.7548

Harmonies

Analogous

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



25.1350, 18.8558, 24.1288



24.8044, 18.8558, 14.9026



22.5032, 18.8558, 9.3458

Triad

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



24.8044, 18.8558, 14.9026



13.4034, 18.8558, 10.6273



16.7586, 18.8558, 44.9366

Complementary

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



24.8044, 18.8558, 14.9026



28.0992, 36.9646, 44.6857

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.



14.0088, 18.8558, 38.2744



24.8044, 18.8558, 14.9026



12.2404, 18.8558, 17.3094

Square

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



24.8044, 18.8558, 14.9026



15.8305, 18.8558, 7.4716



12.4471, 18.8558, 27.4228



20.1897, 18.8558, 43.6692

Rectangle

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



24.8044, 18.8558, 14.9026



20.3060, 18.8558, 7.5287



12.4471, 18.8558, 27.4228



15.7321, 18.8558, 43.4848

Sweetspot

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



24.8049, 18.8568, 14.9030



62.8758, 60.9822, 62.7191



29.1512, 20.4577, 44.0071



13.2841, 12.7091, 12.9308



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.8049, 18.8568, 14.9030



40.5808, 28.1593, 19.0107



28.4958, 26.6233, 14.9474



8.5172, 8.5136, 8.9559



13.1892, 6.7932, 0.8905



0.4221, 0.2166, 0.0653

Inverse Universe

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



24.8049, 18.8568, 14.9030



40.5808, 28.1593, 19.0107



22.5891, 25.1620, 45.2610



8.5172, 8.5136, 8.9559



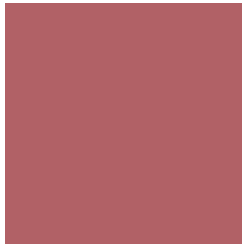
13.1892, 6.7932, 0.8905



0.4221, 0.2166, 0.0653

Previews

White Background



This preview shows how the XYZ color 24.8044, 18.8558, 14.9026 looks on a white background.

Color Contrast Check

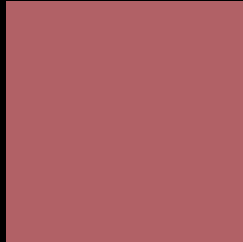
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8044, 18.8558, 14.9026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

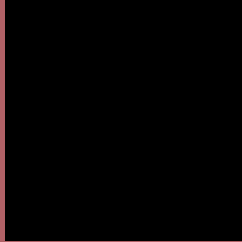
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8044, 18.8558, 14.9026

Background



This preview shows how black text looks on a background with the XYZ color 24.8044, 18.8558, 14.9026.



This preview shows how white text looks on a background with the XYZ color 24.8044, 18.8558,

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

24.8044, 18.8558, 14.9026

Protanopia

18.0659, 18.9329, 18.6218

Deuteranopia

19.3127, 18.9671, 14.4475



Tritanopia

24.9048, 18.8960, 15.4314

Trichromacy



Original Color

24.8044, 18.8558, 14.9026

Protanomaly

19.9363, 18.5538, 17.2823

Deuteranomaly

20.9058, 18.6297, 14.5506

Tritanomaly

24.8543, 18.8758, 15.1654

Monochromacy



Original Color

24.8044, 18.8558, 14.9026

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.8159, 18.4660, 18.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8044, 18.8558, 14.9026 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(177, 97, 102)` looks like.

```
.text, #text, p{  
    color:rgb(177, 97, 102)  
}
```

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(177, 97, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 97, 102) }
```

Border

The CSS property to change the border of an element to XYZ 24.8044, 18.8558, 14.9026 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(177, 97, 102) }
```


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

```
.border{ border-color:rgb(177, 97, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 97, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 97, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 97, 102);  
box-shadow:4px 4px 4px 4px rgb(177, 97,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8044, 18.8558, 14.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 97, 102) }
```

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

```
.background{ background-color: rgb(177, 97,  
102) }
```

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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