

Converting Colors

XYZ(24.0429, 18.8994, 14.1851)

Have a look what the booklet for
XYZ(24.0429, 18.8994, 14.1851)
contains.

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Color

**XYZ(24.0429, 18.8994,
14.1851)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6463
RGB	173, 100, 99
RGB Percent	68%, 39%, 39%
CMY	0.3216, 0.6078, 0.6118
CMYK	0.00, 0.42, 0.43, 0.32
HSL	1°, 31%, 53%
HSV	1°, 43%, 68%
XYZ	24.0429, 18.8994, 14.1851
YIQ	121.7130, 43.8290, 15.1650

Conversions

Conversions Part 2

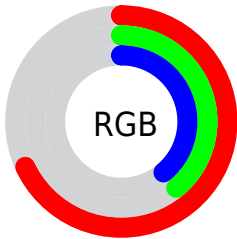
Format	Color
R_{YB}	173, 100, 99
Decimal	11363427
CIE Lab	50.57, 29.28, 13.39
CIE LCh	51, 32.196, 24.569
Yxy	18.8994, 0.4209, 0.3308
Android (android.graphics.Color)	4289553507 (0xFFAD6463)
YUV	121.7130, -11.1975, 44.9787
Hunter-Lab	43.4734, 22.6406, 11.0855

Details

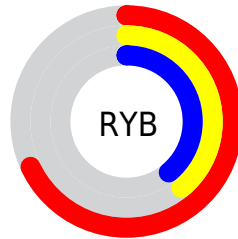
The XYZ color **24.0429, 18.8994, 14.1851** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4403, 35.1734, 44.8781**, and the grayscale version is **18.4309, 19.3907, 21.1165**.

A 20% lighter version of the original color is **49.6883, 41.6474, 34.2741**, and **9.2976, 6.4762, 4.1282** is the 20% darker color. If you saturate the color by 10%, you get **21.8338, 15.6661, 9.7961**, and if you desaturate by 10%, it is **26.7730, 22.8911, 19.6222**.

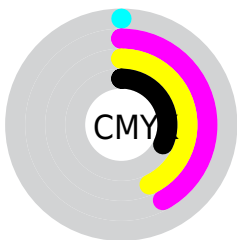
Distribution



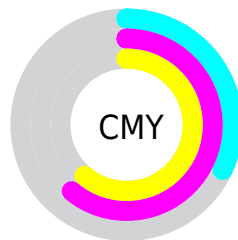
- Red (68%)
- Green (39%)
- Blue (39%)



- Red (68%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (42%)
- Yellow (43%)
- Black (32%)





- Cyan (32%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0429, 18.8994, 14.1851 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 24.0429, 18.8994, 14.1851 by changing the saturation by 10% instead.

 24.0429, 18.8994,
14.1851


 24.0429, 18.8994,
14.1851


265.4737,
245.8928, 229.8477


 15.4904, 11.5976,
8.1093


 49.5544, 41.5640,
34.1389


 9.2528, 6.4703,
4.0762

 67.2440, 57.6957,
48.8541

 4.9649, 3.1331,
1.6672

 88.7100, 77.5394,
67.2860

 2.2612, 1.2016,
0.3381

 114.3178,
101.4796, 89.8534

 0.7747, 0.0630,
0.0000

144.4327,
129.9006, 116.9747

 0.0000, 0.0000,
0.0000

179.4201,

163.1869, 149.0685

219.6453,
201.7228, 186.5533

■ 24.0429, 18.8994,
14.1851

■ 24.0429, 18.8994,
14.1851

■ 21.8338, 15.6661,
9.7961

■ 26.7730, 22.8911,
19.6222

■ 20.1113, 13.1407,
6.3869

■ 30.0527, 27.6820,
26.1677

■ 18.8391, 11.2710,
3.8826


■ 33.9104, 33.3132,
33.8787


■ 17.9750, 9.9962,
2.1971


■ 38.3720, 39.8224,
42.8080


■ 17.4694, 9.2447,
1.2278

■ 43.4619, 47.2449,
53.0051

 17.2591, 8.9352,
0.8150

 49.2030, 55.6139,
64.5168

 55.6174, 64.9612,
77.3876

 62.7257, 75.3170,
91.6597

 70.5480, 86.7102,
107.3739

Harmonies

Analogous

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



24.6804, 18.8994, 22.2613



24.0429, 18.8994, 14.1851



21.7018, 18.8994, 9.4472

Triad

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



24.0429, 18.8994, 14.1851



13.4731, 18.8994, 12.0829



17.3970, 18.8994, 43.0803

Complementary

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



24.0429, 18.8994, 14.1851



27.4403, 35.1734, 44.8781

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.



14.6809, 18.8994, 38.1595



24.0429, 18.8994, 14.1851



12.5911, 18.8994, 18.9822

Square

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



24.0429, 18.8994, 14.1851



15.5647, 18.8994, 8.5049



13.0061, 18.8994, 28.6509



20.5966, 18.8994, 40.6875

Rectangle

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



24.0429, 18.8994, 14.1851



19.6208, 18.8994, 7.9921



13.0061, 18.8994, 28.6509



16.4019, 18.8994, 42.1921

Sweetspot

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



24.0434, 18.9003, 14.1855



60.3959, 59.1721, 60.0032



29.2383, 20.8252, 42.0139



12.7857, 12.3636, 12.3607



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.



24.0434, 18.9003, 14.1855



39.4168, 28.5163, 18.1660



28.2900, 27.3935, 15.6010



8.0136, 8.0321, 8.3414



12.6828, 6.5711, 0.5999



0.3556, 0.1883, 0.0176

Inverse Universe

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



27.4403, 35.1734, 44.8781



46.2807, 61.4095, 80.2197



21.4927, 23.2783, 42.8956



8.2269, 9.0532, 10.2665



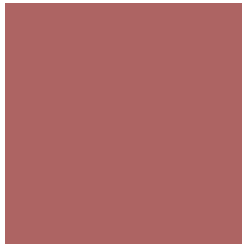
16.1955, 23.5248, 32.7317



0.4534, 0.6602, 0.9115

Previews

White Background



This preview shows how the XYZ color 24.0429, 18.8994, 14.1851 looks on a white background.

Color Contrast Check

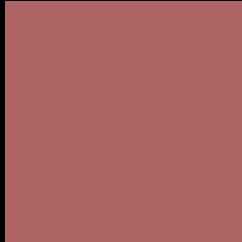
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0429, 18.8994, 14.1851 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 24.0429, 18.8994, 14.1851

Background



This preview shows how black text looks on a background with the XYZ color 24.0429, 18.8994, 14.1851.

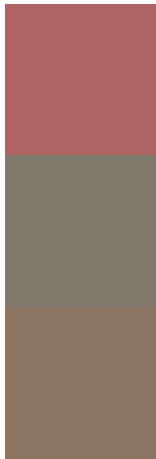


This preview shows how white text looks on a background with the XYZ color 24.0429, 18.8994,

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

24.0429, 18.8994, 14.1851

Protanopia

18.0810, 18.9727, 17.1771

Deuteranopia

19.3412, 18.9980, 13.7139



Tritanopia

24.5189, 18.9630, 16.0036

Trichromacy



Original Color

24.0429, 18.8994, 14.1851

Protanomaly

19.7826, 18.6698, 15.9256

Deuteranomaly

20.8705, 18.7872, 13.8356

Tritanomaly

24.3656, 18.9016, 15.1961

Monochromacy



Original Color

24.0429, 18.8994, 14.1851

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.0391, 18.9123, 18.5138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0429, 18.8994, 14.1851 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, 100, 99)` looks like.

```
.text, #text, p{  
    color:rgb(173, 100, 99)  
}
```

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, 100, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 100, 99) }
```

Border

The CSS property to change the border of an element to XYZ 24.0429, 18.8994, 14.1851 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, 100, 99) }
```


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

```
.border{ border-color:rgb(173, 100, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 100, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 100, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 100, 99);  
box-shadow:4px 4px 4px 4px rgb(173, 100,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0429, 18.8994, 14.1851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 100, 99) }
```

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

```
.background{ background-color: rgb(173,  
100, 99) }
```

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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