

Converting Colors

XYZ(23.9797, 18.7842, 14.1052)

Have a look what the booklet for
XYZ(23.9797, 18.7842, 14.1052)
contains.

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Color

**XYZ(23.9476, 18.7088,
14.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6363
RGB	173, 99, 99
RGB Percent	68%, 39%, 39%
CMY	0.3216, 0.6117, 0.6118
CMYK	0.00, 0.43, 0.43, 0.32
HSL	0°, 31%, 53%
HSV	0°, 43%, 68%
XYZ	23.9476, 18.7088, 14.1534
YIQ	121.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

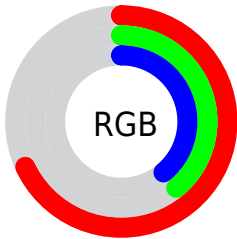
Format	Color
R_{YB}	173, 99, 99
Decimal	11363171
CIE Lab	50.34, 29.83, 13.07
CIE LCh	50, 32.570, 23.668
Yxy	18.7088, 0.4215, 0.3293
Android (android.graphics.Color)	4289553251 (0xFFAD6363)
YUV	121.1260, -10.9081, 45.4935
Hunter-Lab	43.2537, 23.1334, 10.8768

Details

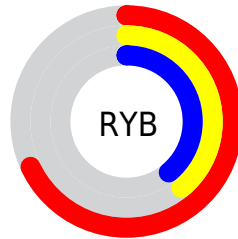
The XYZ color **23.9476, 18.7088, 14.1534** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6313, 35.5554, 44.9418**, and the grayscale version is **18.2394, 19.1893, 20.8971**.

A 20% lighter version of the original color is **49.5266, 41.3241, 34.2202**, and **9.2544, 6.3898, 4.1138** is the 20% darker color. If you saturate the color by 10%, you get **21.7404, 15.4792, 9.7650**, and if you desaturate by 10%, it is **26.6840, 22.7132, 19.5926**.

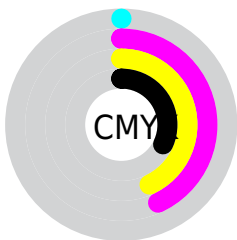
Distribution



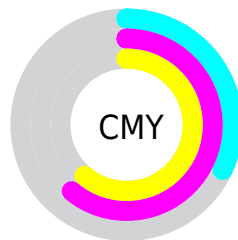
- Red (68%)
- Green (39%)
- Blue (39%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9476, 18.7088, 14.1534 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 23.9476, 18.7088, 14.1534 by changing the saturation by 10% instead.


 23.9476, 18.7088,
14.1534


 23.9476, 18.7088,
14.1534


265.0008,
244.8364, 229.6446


 15.4193, 11.4601,
8.0875


 49.4000, 41.2415,
34.0820


 9.2024, 6.3772,
4.0624


 67.0547, 57.2942,
48.7818

 4.9316, 3.0758,
1.6596

 88.4824, 77.0503,
67.1965

 2.2415, 1.1714,
0.3329

 114.0482,
100.8943, 89.7449

 0.7645, 0.0382,
0.0000

144.1176,
129.2105, 116.8453

 0.0000, 0.0000,
0.0000

179.0560,

162.3833, 148.9164

219.2286,
200.7972, 186.3766

■ 23.9476, 18.7088,
14.1534

■ 23.9476, 18.7088,
14.1534

■ 21.7404, 15.4792,
9.7650

■ 26.6840, 22.7132,
19.5926

■ 20.0269, 12.9718,
6.3588

■ 29.9792, 27.5350,
26.1433

■ 18.7696, 11.1320,
3.8594


■ 33.8623, 33.2171,
33.8628


■ 17.9248, 9.8959,
2.1804


■ 38.3600, 39.7985,
42.8041

■ 17.4408, 9.1875,
1.2182


■ 43.4974, 47.3158,
53.0170

 17.2337, 8.8844,
0.8066

 49.2980, 55.8037,
64.5486

 55.7843, 65.2950,
77.4433

 62.9777, 75.8209,
91.7439

 70.8987, 87.4115,
107.4909

Harmonies

Analogous

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



24.5303, 18.7088, 22.3507



23.9476, 18.7088, 14.1534



21.6302, 18.7088, 9.3223

Triad

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



23.9476, 18.7088, 14.1534



13.3228, 18.7088, 11.7028



17.1204, 18.7088, 43.0213

Complementary

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



23.9476, 18.7088, 14.1534



27.6313, 35.5554, 44.9418

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.



14.4199, 18.7088, 37.8501



23.9476, 18.7088, 14.1534



12.4012, 18.7088, 18.5113

Square

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



23.9476, 18.7088, 14.1534



15.4529, 18.7088, 8.2285



12.7777, 18.7088, 28.1849



20.3344, 18.7088, 40.8253

Rectangle

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



23.9476, 18.7088, 14.1534



19.5460, 18.7088, 7.8193



12.7777, 18.7088, 28.1849



16.1278, 18.7088, 42.0477

Sweetspot

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



23.9481, 18.7097, 14.1538



60.3073, 58.9949, 59.9736



29.2384, 20.8252, 42.0138



12.7640, 12.3203, 12.3534



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.



23.9481, 18.7097, 14.1538



39.2485, 28.1798, 18.1099



28.2900, 27.3936, 15.6011



8.0053, 8.0154, 8.3386



12.6607, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



27.6313, 35.5554, 44.9418



46.6954, 62.2389, 80.3580



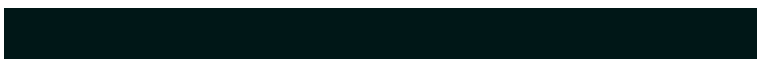
21.4928, 23.2783, 42.8956



8.2363, 9.0720, 10.2697



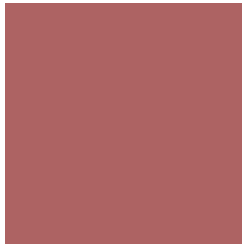
16.5183, 24.1705, 32.8393



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 23.9476, 18.7088, 14.1534 looks on a white background.

Color Contrast Check

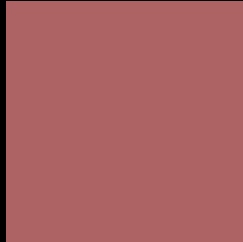
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9476, 18.7088, 14.1534 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 23.9476, 18.7088, 14.1534

Background



This preview shows how black text looks on a background with the XYZ color 23.9476, 18.7088, 14.1534.

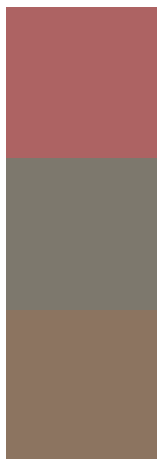


This preview shows how white text looks on a background with the XYZ color 23.9476, 18.7088,

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

23.9476, 18.7088, 14.1534

Protanopia

17.9342, 18.8970, 17.1703

Deuteranopia

19.1719, 18.9108, 13.7060



Tritanopia

24.3730, 18.7540, 15.6999

Trichromacy



Original Color

23.9476, 18.7088, 14.1534

Protanomaly

19.4993, 18.3590, 15.8805

Deuteranomaly

20.6825, 18.6903, 13.8268

Tritanomaly

24.2714, 18.7133, 15.1647

Monochromacy



Original Color

23.9476, 18.7088, 14.1534

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.7010, 18.5780, 18.1703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9476, 18.7088, 14.1534 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, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(173, 99, 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, 99, 99) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 23.9476, 18.7088, 14.1534 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, 99, 99) }
```


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

```
.border{ border-color:rgb(173, 99, 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, 99, 99) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 23.9476, 18.7088, 14.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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