

Converting Colors

XYZ(18.8932, 20.8171, 8.3054)

Have a look what the booklet for
XYZ(18.8932, 20.8171, 8.3054)
contains.

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Color

**XYZ(18.9190, 20.9024,
8.3476)**

Conversions

Conversions Part 1

Format	Color
Hex	897F43
RGB	137, 127, 67
RGB Percent	54%, 50%, 26%
CMY	0.4627, 0.5019, 0.7372
CMYK	0.00, 0.07, 0.51, 0.46
HSL	51°, 34%, 40%
HSV	51°, 51%, 54%
XYZ	18.9190, 20.9024, 8.3476
YIQ	123.1500, 25.2200, -16.5400

Conversions

Conversions Part 2

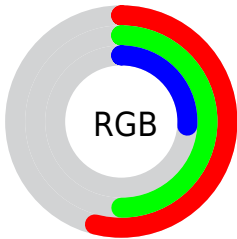
Format	Color
R_{YB}	79, 137, 67
Decimal	9011011
CIE Lab	52.84, -4.80, 33.73
CIE LCh	53, 34.070, 98.095
Yxy	20.9024, 0.3928, 0.4339
Android (android.graphics.Color)	4287201091 (0xFF897F43)
YUV	123.1500, -27.6820, 12.1464
Hunter-Lab	45.7191, -6.1436, 21.1780

Details

The XYZ color **18.9190, 20.9024, 8.3476** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.4838, 8.3068, 24.7702**, and the grayscale version is **18.9595, 19.9468, 21.7221**.

A 20% lighter version of the original color is **41.2704, 45.1333, 23.3660**, and **6.5970, 7.4306, 1.7484** is the 20% darker color. If you saturate the color by 10%, you get **18.3057, 20.2575, 6.3499**, and if you desaturate by 10%, it is **19.6355, 21.5980, 10.8600**.

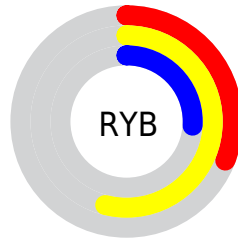
Distribution



Red (54%)

Green (50%)

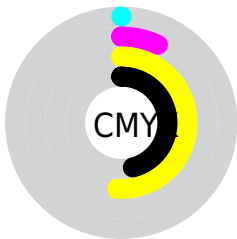
Blue (26%)



Red (31%)

Yellow (54%)

Blue (26%)

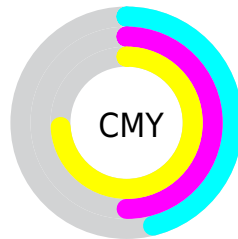


Cyan (0%)

Magenta (7%)

Yellow (51%)

Black (46%)



Cyan (46%)

Magenta (50%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9190, 20.9024, 8.3476 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 18.9190, 20.9024, 8.3476 by changing the saturation by 10% instead.

■ 18.9190, 20.9024,
8.3476

■ 18.9190, 20.9024,
8.3476

238.9479,
256.7594, 188.4688

■ 11.7154, 13.0527,
4.2272

■ 41.1151, 44.9250,
23.1944

■ 6.6210, 7.4648,
1.7508

■ 56.8384, 61.8668,
34.7580

■ 3.2705, 3.7545,
0.3952

■ 76.1322, 82.6079,
49.6396

■ 1.2983, 1.5372,
0.0000

■ 99.3620, 107.5329,
68.2580

■ 0.1820, 0.3147,
0.0000

■ 126.8931,
137.0262, 91.0315

■ 0.0000, 0.0000,
0.0000

159.0909,

171.4721, 118.3788

196.3207,
211.2550, 150.7184

■ 18.9190, 20.9024,
8.3476

■ 18.9190, 20.9024,
8.3476

■ 18.3057, 20.2575,
6.3499

■ 19.6355, 21.5980,
10.8600

■ 17.7870, 19.6574,
4.8289

■ 20.4600, 22.3439,
13.9188

■ 17.3556, 19.1001,
3.7435

■ 21.3988, 23.1435,
17.5550

■ 17.0022, 18.5816,
3.0448

■ 22.4572, 23.9989,
21.7965

■ 16.7287, 18.1428,
2.6202

■ 23.6402, 24.9122,
26.6697

■ 24.9526, 25.8853,
32.1993

■ 26.3989, 26.9200,
38.4087

■ 27.9832, 28.0181,
45.3200

■ 29.7097, 29.1813,
52.9546

Harmonies

Analogous

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



22.5311, 20.9024, 8.9883



18.9190, 20.9024, 8.3476



15.9371, 20.9024, 10.5571

Triad

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



18.9190, 20.9024, 8.3476



14.9535, 20.9024, 37.1185



26.9167, 20.9024, 30.8818

Complementary

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



18.9190, 20.9024, 8.3476



9.4838, 8.3068, 24.7702

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.



24.3953, 20.9024, 41.9297



18.9190, 20.9024, 8.3476



17.4219, 20.9024, 46.2153

Square

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



18.9190, 20.9024, 8.3476



13.8330, 20.9024, 25.6319



20.8464, 20.9024, 48.1989



27.4415, 20.9024, 20.1095

Rectangle

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



18.9190, 20.9024, 8.3476



14.6056, 20.9024, 13.8929



20.8464, 20.9024, 48.1989



26.2612, 20.9024, 34.7682

Sweetspot

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



18.9195, 20.9034, 8.3480



39.3871, 42.3164, 35.6798



13.6810, 9.8758, 8.2995



8.7572, 9.4290, 7.6940



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.9195, 20.9034, 8.3480



32.6570, 36.1388, 10.9851



16.7047, 21.7741, 8.6328



5.3712, 5.7253, 5.3744



15.5894, 16.9133, 2.4429



0.1113, 0.1278, 0.0188

Inverse Universe

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



9.4838, 8.3068, 24.7702



13.8457, 11.0451, 43.7853



10.8865, 8.0703, 24.6507



4.8286, 5.0001, 6.3165



4.4378, 2.1460, 22.2260



0.0358, 0.0270, 0.1498

Previews

White Background



This preview shows how the XYZ color 18.9190, 20.9024, 8.3476 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 18.9190, 20.9024, 8.3476 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 18.9190, 20.9024, 8.3476

Background



This preview shows how black text looks on a background with the XYZ color 18.9190, 20.9024, 8.3476.



This preview shows how white text looks on a background with the XYZ color 18.9190, 20.9024,

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

18.9190, 20.9024, 8.3476

Protanopia

19.1214, 20.8159, 8.3203

Deuteranopia

21.1171, 20.7326, 8.5190



Tritanopia

22.0066, 20.8576, 23.6349

Trichromacy



Original Color

18.9190, 20.9024, 8.3476

Protanomaly

18.9552, 20.7302, 8.3125

Deuteranomaly

20.3391, 20.8792, 8.4269

Tritanomaly

20.6690, 20.8692, 16.5745

Monochromacy



Original Color

18.9190, 20.9024, 8.3476

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5579, 19.9838, 15.7111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9190, 20.9024, 8.3476 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(137, 127, 67)` looks like.

```
.text, #text, p{  
    color:rgb(137, 127, 67)  
}
```

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(137, 127, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 127, 67) }
```

Border

The CSS property to change the border of an element to XYZ 18.9190, 20.9024, 8.3476 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(137, 127, 67) }
```


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

```
.border{ border-color:rgb(137, 127, 67) }
```

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

Here you see how a box with a 4 pixel rgb(137, 127, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 127, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 127, 67);  
box-shadow:4px 4px 4px 4px rgb(137, 127,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9190, 20.9024, 8.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 127, 67) }
```

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

```
.background{ background-color: rgb(137,  
127, 67) }
```

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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