

Converting Colors

XYZ(23.9132, 26.7081, 19.2827)

Have a look what the booklet for
XYZ(23.9132, 26.7081, 19.2827)
contains.

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Color

**XYZ(23.8824, 26.7791,
19.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9070
RGB	141, 144, 112
RGB Percent	55%, 56%, 44%
CMY	0.4471, 0.4353, 0.5608
CMYK	0.02, 0.00, 0.22, 0.44
HSL	66°, 13%, 50%
HSV	66°, 22%, 56%
XYZ	23.8824, 26.7791, 19.2394
YIQ	139.4550, 8.4840, -10.5880

Conversions

Conversions Part 2

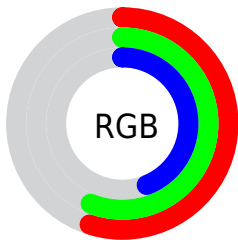
Format	Color
R_YB	112, 144, 115
Decimal	9277552
CIE Lab	58.77, -6.77, 16.68
CIE LCh	59, 18.004, 112.084
Yxy	26.7791, 0.3417, 0.3831
Android (android.graphics.Color)	4287467632 (0xFF8D9070)
YUV	139.4550, -13.5353, 1.3550
Hunter-Lab	51.7485, -8.1806, 14.1808

Details

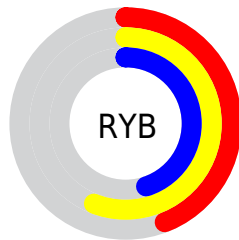
The XYZ color **23.8824, 26.7791, 19.2394** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8995, 17.2475, 28.7728**, and the grayscale version is **24.7651, 26.0548, 28.3736**.

A 20% lighter version of the original color is **49.4006, 54.6706, 43.0708**, and **9.1446, 10.5492, 6.4047** is the 20% darker color. If you saturate the color by 10%, you get **22.9158, 26.3670, 15.3383**, and if you desaturate by 10%, it is **24.9815, 27.2464, 23.8173**.

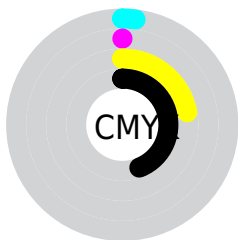
Distribution



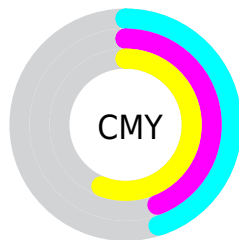
- Red (55%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8824, 26.7791, 19.2394 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 23.8824, 26.7791, 19.2394 by changing the saturation by 10% instead.

■ 23.8824, 26.7791,
19.2394

■ 23.8824, 26.7791,
19.2394

264.6769,
286.5860, 260.2338

■ 15.3707, 17.4074,
11.6648

■ 49.2943, 54.5292,
42.9803

■ 9.1679, 10.5254,
6.3961

■ 66.9252, 73.6764,
59.9837

■ 4.9089, 5.7487,
3.0148

■ 88.3265, 96.8508,
80.9672

■ 2.2281, 2.6929,
1.1022

■ 113.8636,
124.4369, 106.3492

■ 0.7575, 0.9736,
0.0000

143.9018,
156.8191, 136.5484

■ 0.0000, 0.0000,
0.0000

178.8065,

194.3817, 171.9831

218.9431,
237.5092, 213.0721

■ 23.8824, 26.7791,
19.2394

■ 23.8824, 26.7791,
19.2394

■ 22.9158, 26.3670,
15.3383

■ 24.9815, 27.2464,
23.8173

■ 22.0734, 26.0040,
12.0802

■ 26.2167, 27.7675,
29.1001

■ 21.3495, 25.6886,
9.4309

■ 27.5939, 28.3457,
35.1165

■ 20.7367, 25.4181,
7.3527

■ 29.1184, 28.9832,
41.8932

■ 20.2271, 25.1892,
5.8034

■ 30.7948, 29.6818,
49.4553

■ 19.8116, 24.9982,
4.7349

■ 32.6278, 30.4434,
57.8270

■ 19.4793, 24.8408,
4.0908

■ 34.6218, 31.2696,
67.0313

■ 19.2550, 24.7323,
3.7590

■ 36.7809, 32.1623,
77.0904

■ 39.1093, 33.1230,
88.0256

Harmonies

Analogous

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



26.0447, 26.7791, 18.6543



23.8824, 26.7791, 19.2394



22.2336, 26.7791, 22.2766

Triad

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



23.8824, 26.7791, 19.2394



22.9204, 26.7791, 39.8967



29.9159, 26.7791, 30.8729

Complementary

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



23.8824, 26.7791, 19.2394



17.8995, 17.2475, 28.7728

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.



28.9685, 26.7791, 37.3277



23.8824, 26.7791, 19.2394



24.8698, 26.7791, 43.0091

Square

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



23.8824, 26.7791, 19.2394



21.7011, 26.7791, 33.9964



27.0904, 26.7791, 42.0064



29.6136, 26.7791, 24.8017

Rectangle

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



23.8824, 26.7791, 19.2394



21.6058, 26.7791, 25.5590



27.0904, 26.7791, 42.0064



29.7312, 26.7791, 33.0797

Sweetspot

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



23.8831, 26.7803, 19.2400



45.1349, 48.5080, 46.5799



20.5199, 19.2854, 17.9706



10.3255, 11.1135, 10.5754



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.8831, 26.7803, 19.2400



41.1844, 46.8317, 30.1202



21.4051, 25.5028, 19.1240



5.7904, 6.2601, 5.7925



16.7772, 21.5415, 3.2737



0.1698, 0.2108, 0.0317

Inverse Universe

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



17.8995, 17.2475, 28.7728



28.5852, 26.7570, 50.1960



20.1376, 18.4013, 28.8775



5.1737, 5.2777, 6.7748



4.5451, 1.8367, 23.0920



0.0509, 0.0214, 0.2211

Previews

White Background



This preview shows how the XYZ color 23.8824, 26.7791, 19.2394 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 23.8824, 26.7791, 19.2394 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

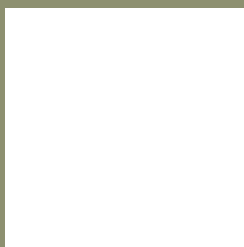
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8824, 26.7791, 19.2394

Background



This preview shows how black text looks on a background with the XYZ color 23.8824, 26.7791, 19.2394.



This preview shows how white text looks on a background with the XYZ color 23.8824, 26.7791,

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

23.8824, 26.7791, 19.2394

Protanopia

24.9718, 26.6815, 18.8728

Deuteranopia

27.1513, 26.7157, 19.6452



Tritanopia

26.5917, 26.7782, 32.6213

Trichromacy



Original Color

23.8824, 26.7791, 19.2394

Protanomaly

24.5749, 26.6967, 18.8967

Deuteranomaly

25.9236, 26.7254, 19.4150

Tritanomaly

25.4704, 26.7566, 27.1147

Monochromacy



Original Color

23.8824, 26.7791, 19.2394

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3025, 26.2102, 24.5471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8824, 26.7791, 19.2394 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(141, 144, 112)` looks like.

```
.text, #text, p{  
    color:rgb(141, 144, 112)  
}
```

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(141, 144, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 144, 112) }
```

Border

The CSS property to change the border of an element to XYZ 23.8824, 26.7791, 19.2394 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(141, 144, 112) }
```


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

```
.border{ border-color:rgb(141, 144, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 144, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 144, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 144, 112);  
box-shadow:4px 4px 4px 4px rgb(141, 144,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8824, 26.7791, 19.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 144, 112) }
```

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

```
.background{ background-color: rgb(141,  
144, 112) }
```

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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