

Converting Colors

XYZ(24.0768, 26.8165, 24.3571)

Have a look what the booklet for
XYZ(24.0768, 26.8165, 24.3571)
contains.

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Color

**XYZ(24.0229, 26.7393,
24.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	889080
RGB	136, 144, 128
RGB Percent	53%, 56%, 50%
CMY	0.4667, 0.4353, 0.4980
CMYK	0.06, 0.00, 0.11, 0.44
HSL	90°, 7%, 53%
HSV	90°, 11%, 56%
XYZ	24.0229, 26.7393, 24.3171
YIQ	139.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

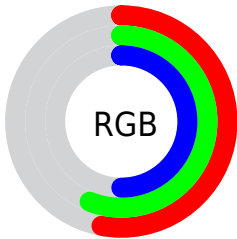
Format	Color
R_YB	128, 144, 136
Decimal	8949888
CIE Lab	58.73, -5.99, 7.51
CIE LCh	59, 9.604, 128.599
Yxy	26.7393, 0.3200, 0.3561
Android (android.graphics.Color)	4287139968 (0xFF889080)
YUV	139.7840, -5.8095, -3.3186
Hunter-Lab	51.7101, -7.5670, 8.3154

Details

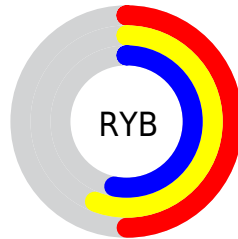
The XYZ color **24.0229, 26.7393, 24.3171** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9076, 22.6869, 29.5586**, and the grayscale version is **24.8658, 26.1607, 28.4891**.

A 20% lighter version of the original color is **49.5208, 54.5432, 51.6339**, and **9.2517, 10.5484, 8.9456** is the 20% darker color. If you saturate the color by 10%, you get **22.0112, 25.8049, 19.6214**, and if you desaturate by 10%, it is **26.2492, 27.7704, 29.7262**.

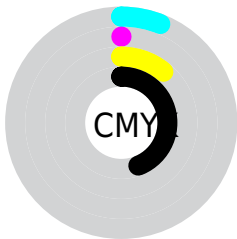
Distribution



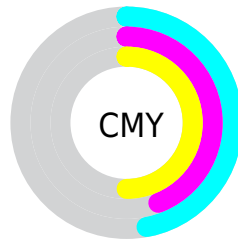
- Red (53%)
- Green (56%)
- Blue (50%)



- Red (50%)
- Yellow (56%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0229, 26.7393, 24.3171 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 24.0229, 26.7393, 24.3171 by changing the saturation by 10% instead.

■ 24.0229, 26.7393,
24.3171

■ 24.0229, 26.7393,
24.3171

265.3746,
286.3926, 287.7578

■ 15.4754, 17.3775,
15.3546

■ 49.5220, 54.4652,
51.4975

■ 9.2422, 10.5040,
8.9193

■ 67.2043, 73.5982,
70.5525

■ 4.9579, 5.7344,
4.5925

■ 88.6623, 96.7570,
93.8087

■ 2.2571, 2.6843,
1.9557

114.2613,
124.3261, 121.6848

■ 0.7726, 0.9692,
0.5278

144.3666,
156.6898, 154.5991

■ 0.0000, 0.0000,
0.0000

179.3437,

194.2325, 192.9704

219.5579,
237.3387, 237.2171

■ 24.0229, 26.7393,
24.3171

■ 24.0229, 26.7393,
24.3171

■ 22.0112, 25.8049,
19.6214

■ 26.2492, 27.7704,
29.7262

■ 20.2047, 24.9606,
15.6076

■ 28.6948, 28.8976,
35.8750

■ 18.5966, 24.2043,
12.2445

■ 31.3668, 30.1247,
42.7906

■ 17.1788, 23.5327,
9.4976

■ 34.2714, 31.4545,
50.4981

■ 15.9424, 22.9421,
7.3293

■ 37.4146, 32.8895,
59.0217

■ 14.8777, 22.4282,
5.6980

■ 40.8020, 34.4320,
68.3842

■ 13.9740, 21.9867,
4.5563

■ 44.4391, 36.0845,
78.6078

■ 13.2190, 21.6123,
3.8489

■ 48.3313, 37.8492,
89.7139

■ 12.6454, 21.3249,
3.4496

■ 52.0614, 39.5594,
99.4995

Harmonies

Analogous

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



25.0765, 26.7393, 23.1401



24.0229, 26.7393, 24.3171



23.3566, 26.7393, 26.8030

Triad

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



24.0229, 26.7393, 24.3171



24.5944, 26.7393, 35.6065



27.7295, 26.7393, 28.1519

Complementary

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



24.0229, 26.7393, 24.3171



22.9076, 22.6869, 29.5586

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.



27.5907, 26.7393, 31.5553



24.0229, 26.7393, 24.3171



25.7563, 26.7393, 36.0379

Square

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



24.0229, 26.7393, 24.3171



23.6794, 26.7393, 33.3680



26.8597, 26.7393, 34.5048



27.2332, 26.7393, 25.2388

Rectangle

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



24.0229, 26.7393, 24.3171



23.2094, 26.7393, 28.9557



26.8597, 26.7393, 34.5048



27.7559, 26.7393, 29.2740

Sweetspot

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



24.0236, 26.7405, 24.3177



45.5000, 48.6106, 50.4673



24.2031, 25.0971, 23.9910



10.3640, 11.1150, 11.4011



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.



24.0236, 26.7405, 24.3177



41.5740, 46.7921, 41.0000



22.7724, 26.0954, 24.2591



5.5836, 6.1535, 5.7828



11.0384, 18.5831, 3.0051



0.1309, 0.1907, 0.0299

Inverse Universe

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



22.9076, 22.6869, 29.5586



39.2578, 38.3795, 51.8769



24.2559, 23.3820, 29.6217



5.3704, 5.3791, 6.7840



6.7390, 2.9677, 23.1947



0.0898, 0.0415, 0.2229

Previews

White Background



This preview shows how the XYZ color 24.0229, 26.7393, 24.3171 looks on a white background.

Color Contrast Check

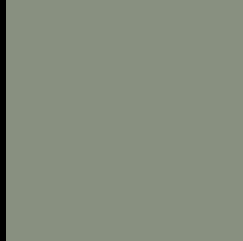
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0229, 26.7393, 24.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

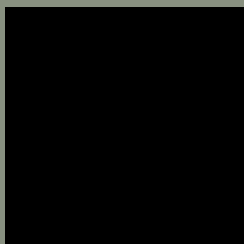
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0229, 26.7393, 24.3171

Background



This preview shows how black text looks on a background with the XYZ color 24.0229, 26.7393, 24.3171.



This preview shows how white text looks on a background with the XYZ color 24.0229, 26.7393,

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

24.0229, 26.7393, 24.3171

Protanopia

25.3234, 26.7592, 23.5690

Deuteranopia

27.1315, 26.5910, 24.8217



Tritanopia

26.0076, 26.8922, 33.5257

Trichromacy



Original Color

24.0229, 26.7393, 24.3171

Protanomaly

24.8315, 26.7179, 23.9270

Deuteranomaly

25.9576, 26.6295, 24.5408

Tritanomaly

25.2784, 26.8181, 29.8307

Monochromacy



Original Color

24.0229, 26.7393, 24.3171

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6163, 26.3163, 27.0747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0229, 26.7393, 24.3171 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(136, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(136, 144, 128)  
}
```

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(136, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 144, 128) }
```

Border

The CSS property to change the border of an element to XYZ 24.0229, 26.7393, 24.3171 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(136, 144, 128) }
```


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

```
.border{ border-color:rgb(136, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(136, 144,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0229, 26.7393, 24.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 144, 128) }
```

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

```
.background{ background-color: rgb(136,  
144, 128) }
```

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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