

Converting Colors

XYZ(26.3004, 30.1787, 27.9824)

Have a look what the booklet for
XYZ(26.3004, 30.1787, 27.9824)
contains.

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Color

**XYZ(26.3875, 30.2357,
28.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	899A89
RGB	137, 154, 137
RGB Percent	54%, 60%, 54%
CMY	0.4627, 0.3961, 0.4627
CMYK	0.11, 0.00, 0.11, 0.40
HSL	120°, 8%, 57%
HSV	120°, 11%, 60%
XYZ	26.3875, 30.2357, 28.1122
YIQ	146.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

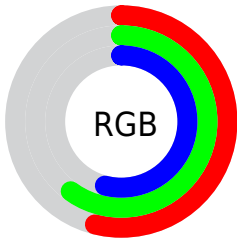
Format	Color
RYB	137, 154, 154
Decimal	9017993
CIELab	61.86, -9.41, 6.88
CIElCh	62, 11.660, 143.818
Yxy	30.2357, 0.3114, 0.3568
Android (android.graphics.Color)	4287208073 (0xFF899A89)
YUV	146.9790, -4.9196, -8.7516
Hunter-Lab	54.9870, -10.5676, 8.1788

Details

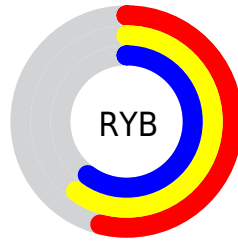
The XYZ color **26.3875, 30.2357, 28.1122** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1059, 27.0952, 34.3219**, and the grayscale version is **27.7462, 29.1912, 31.7892**.

A 20% lighter version of the original color is **53.0853, 59.7766, 57.4553**, and **10.5010, 12.4149, 10.8597** is the 20% darker color. If you saturate the color by 10%, you get **23.0140, 28.6161, 22.5935**, and if you desaturate by 10%, it is **30.2808, 32.1067, 34.4797**.

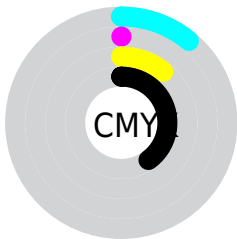
Distribution



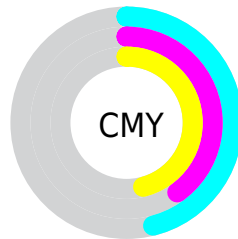
- Red (54%)
- Green (60%)
- Blue (54%)



- Red (54%)
- Yellow (60%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3875, 30.2357, 28.1122 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 26.3875, 30.2357, 28.1122 by changing the saturation by 10% instead.

■ 26.3875, 30.2357,
28.1122

■ 26.3875, 30.2357,
28.1122

276.9011,
303.0016, 306.9314

■ 17.2480, 20.0176,
18.1705

■ 53.3263, 60.0347,
57.6888

■ 10.5078, 12.4078,
10.9017

■ 71.8562, 80.3844,
78.1607

■ 5.8018, 7.0221,
5.8875

■ 94.2470, 104.8800,
102.9798

■ 2.7644, 3.4759,
2.7091

120.8640,
133.9060, 132.5646

■ 1.0304, 1.3849,
0.9480

152.0726,
167.8468, 167.3336

■ 0.0000, 0.2056,
0.0000

188.2380,

■ 0.0000, 0.0000,

207.0867, 207.7054

0.0000

229.7257,
252.0102, 254.0985

■ 26.3875, 30.2357,
28.1122

■ 26.3875, 30.2357,
28.1122

■ 23.0140, 28.6161,
22.5935

■ 30.2808, 32.1067,
34.4797

■ 20.1358, 27.2336,
17.8858

■ 34.7119, 34.2352,
41.7276

■ 17.7306, 26.0782,
13.9515

■ 39.7010, 36.6318,
49.8883

■ 15.7729, 25.1379,
10.7494

■ 45.2667, 39.3052,
58.9919

■ 14.2352, 24.3992,
8.2342

■ 51.4265, 42.2641,
69.0674

■ 13.0868, 23.8476,
6.3557

■ 58.1973, 45.5165,
80.1423

■ 12.2927, 23.4662,
5.0569

■ 65.5953, 49.0701,
92.2430

■ 11.8121, 23.2353,
4.2706

■ 70.8462, 51.5924,
100.8321

■ 11.5562, 23.1124,
3.8521

Harmonies

Analogous

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



27.5454, 30.2357, 25.6804



26.3875, 30.2357, 28.1122



25.8617, 30.2357, 32.0063

Triad

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



26.3875, 30.2357, 28.1122



28.4167, 30.2357, 42.2083



31.5665, 30.2357, 29.5772

Complementary

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



26.3875, 30.2357, 28.1122



28.1059, 27.0952, 34.3219

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.



31.8203, 30.2357, 33.8541



26.3875, 30.2357, 28.1122



29.9648, 30.2357, 41.4100

Square

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



26.3875, 30.2357, 28.1122



27.0057, 30.2357, 40.3427



31.2244, 30.2357, 38.2503



30.5431, 30.2357, 26.4713

Rectangle

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



26.3875, 30.2357, 28.1122



25.9263, 30.2357, 35.0133



31.2244, 30.2357, 38.2503



31.7462, 30.2357, 30.9148

Sweetspot

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



26.3883, 30.2370, 28.1129



53.4989, 57.5983, 60.1690



29.3987, 31.7889, 28.2537



11.9806, 12.9753, 13.4085



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.3883, 30.2370, 28.1129



46.4932, 54.2331, 48.7099



27.0226, 30.4907, 31.4526



6.1322, 6.9256, 6.6194



9.4147, 18.8293, 3.1382



0.1407, 0.2815, 0.0469

Inverse Universe

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



28.1059, 27.0952, 34.3219



50.1851, 47.4801, 62.0558



27.4226, 26.8219, 30.7234



6.4612, 6.3237, 7.8090



15.6094, 7.4980, 25.5321



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 26.3875, 30.2357, 28.1122 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.3875, 30.2357, 28.1122 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 ✓ Pass

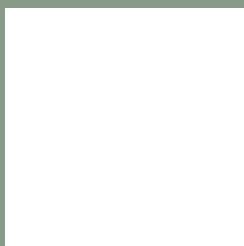
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3875, 30.2357, 28.1122

Background



This preview shows how black text looks on a background with the XYZ color 26.3875, 30.2357, 28.1122.



This preview shows how white text looks on a background with the XYZ color 26.3875, 30.2357,

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

26.3875, 30.2357, 28.1122

Protanopia

28.5681, 30.1847, 26.8748

Deuteranopia

30.5698, 30.0261, 28.6105



Tritanopia

28.4124, 30.0840, 38.4917

Trichromacy



Original Color

26.3875, 30.2357, 28.1122

Protanomaly

27.6525, 30.1784, 27.2892

Deuteranomaly

28.8877, 30.0827, 28.3288

Tritanomaly

27.6316, 30.0086, 34.4729

Monochromacy



Original Color

26.3875, 30.2357, 28.1122

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1920, 29.6355, 30.2737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3875, 30.2357, 28.1122 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, 154, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 154, 137)  
}
```

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, 154, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 154, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.3875, 30.2357, 28.1122 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, 154, 137) }
```


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

```
.border{ border-color:rgb(137, 154, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 154, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 154, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 154, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 154,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3875, 30.2357, 28.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 154, 137) }
```

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

```
.background{ background-color: rgb(137,  
154, 137) }
```

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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