

Converting Colors

XYZ(27.3445, 30.8019, 32.5832)

Have a look what the booklet for
XYZ(27.3445, 30.8019, 32.5832)
contains.

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Color

**XYZ(27.3832, 30.8992,
32.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	899B94
RGB	137, 155, 148
RGB Percent	54%, 61%, 58%
CMY	0.4627, 0.3921, 0.4196
CMYK	0.12, 0.00, 0.05, 0.39
HSL	157°, 8%, 57%
HSV	157°, 12%, 61%
XYZ	27.3832, 30.8992, 32.5379
YIQ	148.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

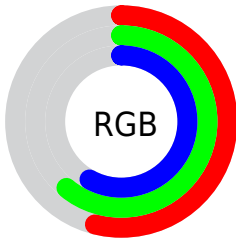
Format	Color
RYB	137, 148, 155
Decimal	9018260
CIELab	62.42, -7.80, 1.50
CIElCh	62, 7.939, 169.122
Yxy	30.8992, 0.3015, 0.3402
Android (android.graphics.Color)	4287208340 (0xFF899B94)
YUV	148.8200, -0.4043, -10.3661
Hunter-Lab	55.5870, -9.3450, 4.2055

Details

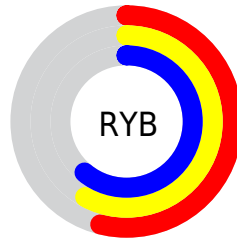
The XYZ color **27.3832, 30.8992, 32.5379** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4984, 26.8743, 30.1250**, and the grayscale version is **28.4963, 29.9804, 32.6486**.

A 20% lighter version of the original color is **54.6963, 60.8123, 64.7323**, and **11.0385, 12.7899, 13.1962** is the 20% darker color. If you saturate the color by 10%, you get **24.5579, 29.4973, 29.9794**, and if you desaturate by 10%, it is **30.6002, 32.5019, 35.2458**.

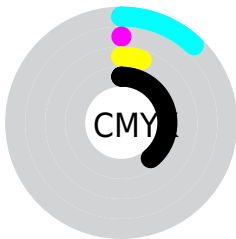
Distribution



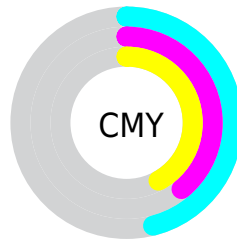
- Red (54%)
- Green (61%)
- Blue (58%)



- Red (54%)
- Yellow (58%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (46%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3832, 30.8992, 32.5379 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 27.3832, 30.8992, 32.5379 by changing the saturation by 10% instead.

■ 27.3832, 30.8992,
32.5379

■ 27.3832, 30.8992,
32.5379

281.6416,
306.0737, 328.1302

■ 17.9993, 20.5221,
21.5045

■ 54.9137, 61.0813,
64.7611

■ 11.0492, 12.7751,
13.2984

■ 73.7911, 81.6552,
86.7879

■ 6.1675, 7.2739,
7.5012

■ 96.5636, 106.3967,
113.3163

■ 2.9888, 3.6340,
3.6943

123.5967,
135.6903, 144.7647

■ 1.1478, 1.4710,
1.4592

155.2557,
169.9204, 181.5518

■ 0.0646, 0.2682,
0.1873

191.9059,

■ 0.0000, 0.0000,

209.4714, 224.0961

0.0000

233.9128,
254.7277, 272.8160

■ 27.3832, 30.8992,
32.5379

■ 27.3832, 30.8992,
32.5379

■ 24.5579, 29.4973,
29.9794

■ 30.6002, 32.5019,
35.2458

■ 22.1057, 28.2840,
27.5656

■ 34.2212, 34.3091,
38.1037

■ 20.0107, 27.2521,
25.2943

■ 38.2612, 36.3293,
41.1147

■ 18.2544, 26.3920,
23.1626

■ 42.7336, 38.5694,
44.2814

■ 16.8167, 25.6936,
21.1676

■ 47.6512, 41.0361,
47.6062

■ 15.6756, 25.1453,
19.3059

■ 53.0264, 43.7355,
51.0913

■ 14.8056, 24.7342,
17.5743

■ 58.8709, 46.6738,
54.7391

■ 14.1769, 24.4450,
15.9690

■ 62.9525, 48.7001,
58.4467

■ 13.7744, 24.2649,
14.7156

■ 63.6539, 48.9806,
62.1402

Harmonies

Analogous

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



27.8318, 30.8992, 29.9127



27.3832, 30.8992, 32.5379



27.4567, 30.8992, 35.6228

Triad

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



27.3832, 30.8992, 32.5379



30.0518, 30.8992, 39.5596



30.7439, 30.8992, 29.3592

Complementary

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



27.3832, 30.8992, 32.5379



27.4984, 26.8743, 30.1250

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.



31.3676, 30.8992, 31.7398



27.3832, 30.8992, 32.5379



30.9613, 30.8992, 37.6733

Square

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



27.3832, 30.8992, 32.5379



28.9800, 30.8992, 39.8057



31.4481, 30.8992, 34.7748



29.7610, 30.8992, 28.1534

Rectangle

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



27.3832, 30.8992, 32.5379



27.7925, 30.8992, 37.5235



31.4481, 30.8992, 34.7748



31.0035, 30.8992, 30.0416

Sweetspot

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



27.3841, 30.9005, 32.5386



53.9229, 57.7679, 62.4016



27.7743, 31.1976, 28.2253



12.1000, 13.0231, 14.0376



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.



27.3841, 30.9005, 32.5386



47.6268, 54.6346, 57.0260



27.6580, 30.5342, 35.4479



6.2827, 6.9858, 7.4121



11.0822, 19.4963, 11.9193



0.1834, 0.2986, 0.2717

Inverse Universe

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



27.4984, 26.8743, 30.1250



47.8740, 45.9317, 51.8093



27.2376, 27.1829, 27.4787



6.3033, 6.2605, 6.9773



11.5363, 5.8688, 4.0833



0.1895, 0.0945, 0.1507

Previews

White Background



This preview shows how the XYZ color 27.3832, 30.8992, 32.5379 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 27.3832, 30.8992, 32.5379 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 27.3832, 30.8992, 32.5379

Background



This preview shows how black text looks on a background with the XYZ color 27.3832, 30.8992, 32.5379.



This preview shows how white text looks on a background with the XYZ color 27.3832, 30.8992,

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

27.3832, 30.8992, 32.5379

Protanopia

29.5347, 30.8256, 31.1813

Deuteranopia

31.3010, 30.7591, 33.1415



Tritanopia

28.9980, 31.0745, 40.0669

Trichromacy



Original Color

27.3832, 30.8992, 32.5379

Protanomaly

28.6293, 30.8277, 31.6355

Deuteranomaly

29.6898, 30.6334, 32.7818

Tritanomaly

28.4611, 31.1034, 37.3044

Monochromacy



Original Color

27.3832, 30.8992, 32.5379

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1685, 30.3229, 32.8020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3832, 30.8992, 32.5379 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, 155, 148)` looks like.

```
.text, #text, p{  
    color:rgb(137, 155, 148)  
}
```

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, 155, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 155, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.3832, 30.8992, 32.5379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

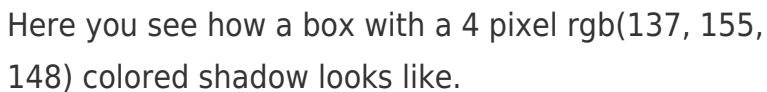
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 155, 148) }
```


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

```
.border{ border-color:rgb(137, 155, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 155, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 155, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 155, 148); box-shadow:4px 4px 4px 4px rgb(137, 155, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3832, 30.8992, 32.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 155, 148) }
```

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

```
.background{ background-color: rgb(137,  
155, 148) }
```

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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