

Converting Colors

XYZ(30.2544, 33.0452, 40.0908)

Have a look what the booklet for
XYZ(30.2544, 33.0452, 40.0908)
contains.

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Color

**XYZ(30.0830, 32.8848,
39.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9EA4
RGB	142, 158, 164
RGB Percent	56%, 62%, 64%
CMY	0.4431, 0.3804, 0.3569
CMYK	0.13, 0.04, 0.00, 0.36
HSL	196°, 11%, 60%
HSV	196°, 13%, 64%
XYZ	30.0830, 32.8848, 39.8838
YIQ	153.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

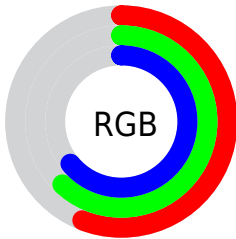
Format	Color
RYB	142, 151, 164
Decimal	9346724
CIELab	64.07, -4.37, -5.05
CIELCh	64, 6.682, 229.131
Yxy	32.8848, 0.2925, 0.3197
Android (android.graphics.Color)	4287536804 (0xFF8E9EA4)
YUV	153.9000, 4.9793, -10.4363
Hunter-Lab	57.3453, -6.7141, -1.0947

Details

The XYZ color **30.0830, 32.8848, 39.8838** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7824, 31.0252, 29.9578**, and the grayscale version is **30.6545, 32.2509, 35.1213**.

A 20% lighter version of the original color is **59.3454, 64.4387, 76.3279**, and **12.5960, 13.9606, 17.3600** is the 20% darker color. If you saturate the color by 10%, you get **26.7250, 30.0429, 39.5128**, and if you desaturate by 10%, it is **33.8847, 35.9984, 40.2849**.

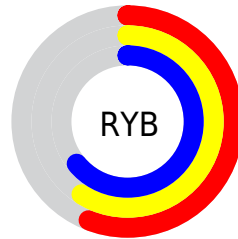
Distribution



Red (56%)

Green (62%)

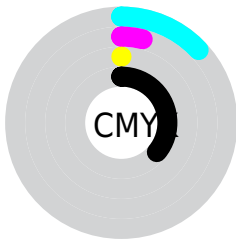
Blue (64%)



Red (56%)

Yellow (59%)

Blue (64%)

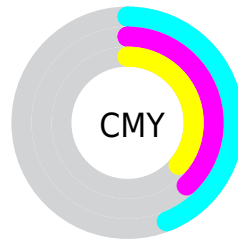


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0830, 32.8848, 39.8838 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 30.0830, 32.8848, 39.8838 by changing the saturation by 10% instead.

■ 30.0830, 32.8848,
39.8838

■ 30.0830, 32.8848,
39.8838

294.1940,
315.1303, 361.1711

■ 20.0500, 22.0382,
27.1349

■ 59.1791, 64.1956,
76.2217

■ 12.5399, 13.8850,
17.4412

■ 78.9730, 85.4287,
100.6477

■ 7.1873, 8.0407,
10.3843

102.7511,
110.8926, 129.8032

■ 3.6269, 4.1210,
5.5456

130.8789,
140.9719, 164.1066

■ 1.4933, 1.7415,
2.5065

163.7218,
176.0510, 203.9766

■ 0.3213, 0.4503,
0.8436

201.6450,

■ 0.0000, 0.0000,

216.5141, 249.8317

0.0000

245.0140,
262.7458, 302.0903

■ 30.0830, 32.8848,
39.8838

■ 30.0830, 32.8848,
39.8838

■ 26.7250, 30.0429,
39.5128

■ 33.8847, 35.9984,
40.2849

■ 23.7895, 27.4586,
39.1687

■ 38.1444, 39.3889,
40.7149

■ 21.2579, 25.1229,
38.8513

■ 42.8793, 43.0664,
41.1751

■ 19.1089, 23.0243,
38.5595

■ 48.1049, 47.0393,
41.6666

■ 17.3191, 21.1504,
38.2921

■ 53.8358, 51.3156,
42.1899

■ 15.8626, 19.4872,
38.0478

■ 60.0862, 55.9029,
42.7459

■ 14.7097, 18.0190,
37.8252

■ 66.2034, 60.4652,
43.3041

■ 13.8247, 16.7269,
37.6224

■ 67.1821, 62.4226,
43.6304

■ 13.3323, 15.9432,
37.4971

■ 68.1907, 64.4398,
43.9666

Harmonies

Analogous

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



29.5719, 32.8848, 37.5373



30.0830, 32.8848, 39.8838



30.9149, 32.8848, 41.1591

Triad

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



30.0830, 32.8848, 39.8838



33.0732, 32.8848, 36.7954



30.6647, 32.8848, 31.1146

Complementary

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



30.0830, 32.8848, 39.8838



30.7824, 31.0252, 29.9578

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.



31.5996, 32.8848, 30.9384



30.0830, 32.8848, 39.8838



33.0029, 32.8848, 34.1287

Square

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



30.0830, 32.8848, 39.8838



32.6492, 32.8848, 39.3172



32.4591, 32.8848, 32.0160



29.9030, 32.8848, 32.5102

Rectangle

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



30.0830, 32.8848, 39.8838



31.5450, 32.8848, 41.1891



32.4591, 32.8848, 32.0160



30.9688, 32.8848, 30.9135

Sweetspot

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



30.0840, 32.8862, 39.8845



61.0242, 64.9535, 73.0733



29.7661, 34.4362, 33.0402



13.2268, 14.1076, 15.9634



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.0840, 32.8862, 39.8845



52.7658, 58.1540, 72.1961



28.3112, 29.3406, 39.2936



7.1121, 7.6831, 9.0112



10.2635, 12.3064, 28.7642



0.2517, 0.3306, 0.6164

Inverse Universe

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



31.1551, 29.7078, 36.4414



55.0988, 51.3406, 64.6726



32.5681, 34.5965, 30.5530



7.2815, 7.1691, 8.4690



14.3260, 7.0865, 14.1732



0.3192, 0.1562, 0.3935

Previews

White Background



This preview shows how the XYZ color 30.0830, 32.8848, 39.8838 looks on a white background.

Color Contrast Check

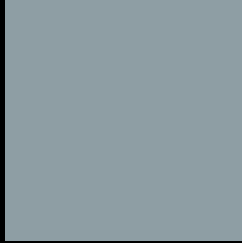
Large Text (above 18pt) WCAG AA × Fail

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 30.0830, 32.8848, 39.8838 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

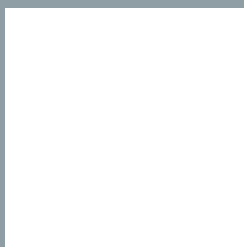
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0830, 32.8848, 39.8838

Background



This preview shows how black text looks on a background with the XYZ color 30.0830, 32.8848, 39.8838.



This preview shows how white text looks on a background with the XYZ color 30.0830, 32.8848,

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

30.0830, 32.8848, 39.8838

Protanopia

31.7875, 32.7878, 38.8357

Deuteranopia

33.4666, 32.8857, 40.6601



Tritanopia

30.6404, 32.8559, 42.7571

Trichromacy



Original Color

30.0830, 32.8848, 39.8838

Protanomaly

31.0947, 32.6663, 39.3167

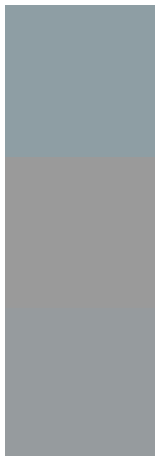
Deuteranomaly

32.2518, 32.9959, 40.2663

Tritanomaly

30.4525, 32.7807, 41.7681

Monochromacy



Original Color

30.0830, 32.8848, 39.8838

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4706, 32.3953, 36.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0830, 32.8848, 39.8838 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(142, 158, 164)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 164)  
}
```

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(142, 158, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.0830, 32.8848, 39.8838 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(142, 158, 164) }
```


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

```
.border{ border-color:rgb(142, 158, 164) }
```

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

Here you see how a box with a 4 pixel rgb(142, 158, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0830, 32.8848, 39.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 164) }
```

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

```
.background{ background-color: rgb(142,  
158, 164) }
```

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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