

Converting Colors

XYZ(31.3222, 38.8359, 28.7671)

Have a look what the booklet for
XYZ(31.3222, 38.8359, 28.7671)
contains.

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Color

**XYZ(31.4230, 39.0332,
28.7997)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB187
RGB	143, 177, 135
RGB Percent	56%, 69%, 53%
CMY	0.4392, 0.3059, 0.4706
CMYK	0.19, 0.00, 0.24, 0.31
HSL	109°, 21%, 61%
HSV	109°, 24%, 69%
XYZ	31.4230, 39.0332, 28.7997
YIQ	162.0460, -6.7820, -20.2700

Conversions

Conversions Part 2

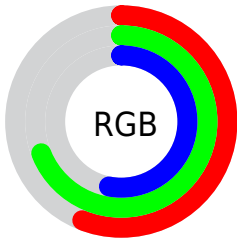
Format	Color
RYB	135, 177, 169
Decimal	9417095
CIELab	68.78, -19.68, 17.78
CIELCh	69, 26.522, 137.899
Yxy	39.0332, 0.3166, 0.3933
Android (android.graphics.Color)	4287607175 (0xFF8FB187)
YUV	162.0460, -13.3337, -16.7033
Hunter-Lab	62.4766, -19.5562, 16.4028

Details

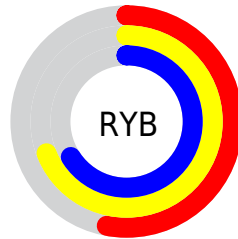
The XYZ color **31.4230, 39.0332, 28.7997** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.9637, 28.9385, 45.4454**, and the grayscale version is **34.4278, 36.2208, 39.4444**.

A 20% lighter version of the original color is **61.2420, 73.7790, 58.5899**, and **13.2610, 17.3465, 11.2436** is the 20% darker color. If you saturate the color by 10%, you get **27.9549, 37.3787, 22.6641**, and if you desaturate by 10%, it is **35.4173, 40.9373, 36.0431**.

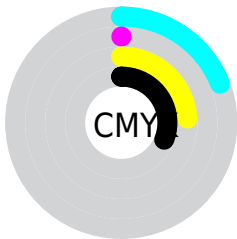
Distribution



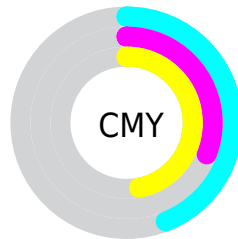
- Red (56%)
- Green (69%)
- Blue (53%)



- Red (53%)
- Yellow (69%)
- Blue (66%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (31%)



- Cyan (44%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4230, 39.0332, 28.7997 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 31.4230, 39.0332, 28.7997 by changing the saturation by 10% instead.

■ 31.4230, 39.0332,
28.7997

■ 31.4230, 39.0332,
28.7997

300.2746,
342.0316, 310.3000

■ 21.0746, 26.7856,
18.6851

■ 61.2768, 73.6890,
58.7971

■ 13.2913, 17.4122,
11.2684

■ 81.5128, 96.8660,
79.5169

■ 7.7078, 10.5288,
6.1313

■ 105.7754,
124.4549, 104.6089

■ 3.9588, 5.7510,
2.8550

134.4299,
156.8401, 134.4916

■ 1.6788, 2.6943,
1.0211

167.8418,
194.4059, 169.5835

■ 0.4430, 0.9743,
0.0000

206.3763,

■ 0.0000, 0.0000,

237.5369, 210.3032

0.0000

250.3987,
286.6173, 257.0692

■ 31.4230, 39.0332,
28.7997

■ 31.4230, 39.0332,
28.7997

■ 27.9549, 37.3787,
22.6641

■ 35.4173, 40.9373,
36.0431

■ 24.9879, 35.9586,
17.5793

■ 39.9554, 43.0956,
44.4425

■ 22.4990, 34.7636,
13.4870

■ 45.0582, 45.5189,
54.0463

■ 20.4626, 33.7817,
10.3224

■ 50.7443, 48.2158,
64.8994

■ 18.8505, 33.0001,
8.0128

■ 57.0314, 51.1947,
77.0443

■ 17.6309, 32.4041,
6.4748

■ 63.9366, 54.4633,
90.5216

■ 16.7674, 31.9773,
5.6081

■ 70.8412, 57.7753,
102.0257

■ 16.3731, 31.7810,
5.2714

■ 75.0129, 59.9259,
102.2210

Harmonies

Analogous

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



34.6721, 39.0332, 24.0671



31.4230, 39.0332, 28.7997



29.7483, 39.0332, 37.8325

Triad

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



31.4230, 39.0332, 28.7997



35.4320, 39.0332, 69.3735



45.3305, 39.0332, 35.7791

Complementary

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



31.4230, 39.0332, 28.7997



32.9637, 28.9385, 45.4454

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.



45.5726, 39.0332, 47.5376



31.4230, 39.0332, 28.7997



39.6385, 39.0332, 68.5372

Square

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



31.4230, 39.0332, 28.7997



31.9431, 39.0332, 62.0814



43.4224, 39.0332, 59.9754



42.7838, 39.0332, 27.5419

Rectangle

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



31.4230, 39.0332, 28.7997



29.6596, 39.0332, 45.7599



43.4224, 39.0332, 59.9754



45.6907, 39.0332, 39.3997

Sweetspot

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



31.4240, 39.0349, 28.8006



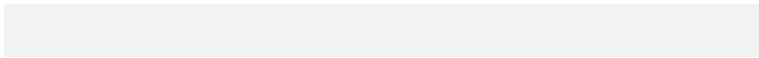
68.6886, 75.8163, 74.2544



36.6200, 39.3255, 28.5828



14.7832, 16.3818, 15.9016



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.4240, 39.0349, 28.8006



53.2118, 68.4444, 46.1185



31.0287, 38.7224, 33.6910



8.5350, 9.5654, 9.0490



11.9018, 23.0457, 3.8210



0.4192, 0.7482, 0.1223

Inverse Universe

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



32.9637, 28.9385, 45.4454



56.4045, 47.4740, 80.6859



33.5339, 29.3709, 39.2149



8.6883, 8.5633, 10.7013



14.0421, 6.5748, 30.6659



0.4827, 0.2279, 0.9668

Previews

White Background



This preview shows how the XYZ color 31.4230, 39.0332, 28.7997 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 31.4230, 39.0332, 28.7997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

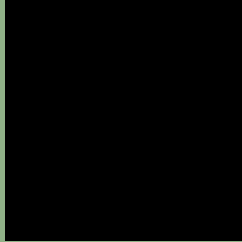
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4230, 39.0332, 28.7997

Background



This preview shows how black text looks on a background with the XYZ color 31.4230, 39.0332, 28.7997.



This preview shows how white text looks on a background with the XYZ color 31.4230, 39.0332,

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

31.4230, 39.0332, 28.7997

Protanopia

36.2081, 38.7141, 26.6833

Deuteranopia

39.5804, 38.7941, 29.4466



Tritanopia

35.7890, 38.7895, 50.9482

Trichromacy



Original Color

31.4230, 39.0332, 28.7997

Protanomaly

34.2448, 38.7911, 27.5123

Deuteranomaly

36.0133, 38.5575, 29.2112

Tritanomaly

34.0392, 38.9362, 41.7978

Monochromacy



Original Color

31.4230, 39.0332, 28.7997

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.0038, 36.8730, 35.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4230, 39.0332, 28.7997 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(143, 177, 135)` looks like.

```
.text, #text, p{  
    color:rgb(143, 177, 135)  
}
```

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(143, 177, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 177, 135) }
```

Border

The CSS property to change the border of an element to XYZ 31.4230, 39.0332, 28.7997 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(143, 177, 135) }
```


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

```
.border{ border-color:rgb(143, 177, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 177, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 177, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 177, 135);  
box-shadow:4px 4px 4px 4px rgb(143, 177,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4230, 39.0332, 28.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 177, 135) }
```

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

```
.background{ background-color: rgb(143,  
177, 135) }
```

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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