

Converting Colors

XYZ(30.7502, 38.4221, 33.7262)

Have a look what the booklet for
XYZ(30.7502, 38.4221, 33.7262)
contains.

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Color

**XYZ(30.7021, 38.2571,
33.7832)**

Conversions

Conversions Part 1

Format	Color
Hex	86B094
RGB	134, 176, 148
RGB Percent	53%, 69%, 58%
CMY	0.4745, 0.3098, 0.4196
CMYK	0.24, 0.00, 0.16, 0.31
HSL	140°, 21%, 61%
HSV	140°, 24%, 69%
XYZ	30.7021, 38.2571, 33.7832
YIQ	160.2500, -16.0440, -17.6120

Conversions

Conversions Part 2

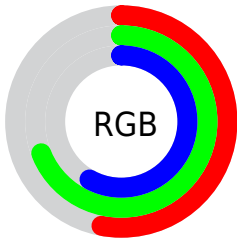
Format	Color
RYB	134, 166, 176
Decimal	8827028
CIELab	68.21, -19.90, 9.79
CIElCh	68, 22.183, 153.806
Yxy	38.2571, 0.2988, 0.3724
Android (android.graphics.Color)	4287017108 (0xFF86B094)
YUV	160.2500, -6.0393, -23.0212
Hunter-Lab	61.8523, -19.6382, 10.9129

Details

The XYZ color **30.7021, 38.2571, 33.7832** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.9524, 28.8897, 38.0234**, and the grayscale version is **33.5620, 35.3099, 38.4525**.

A 20% lighter version of the original color is **60.2563, 72.6689, 66.7278**, and **12.8079, 16.8680, 13.8901** is the 20% darker color. If you saturate the color by 10%, you get **27.2449, 36.5778, 29.0167**, and if you desaturate by 10%, it is **34.7225, 40.2179, 39.0692**.

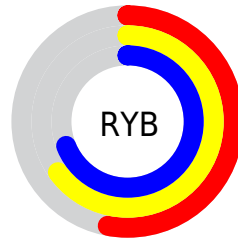
Distribution



Red (53%)

Green (69%)

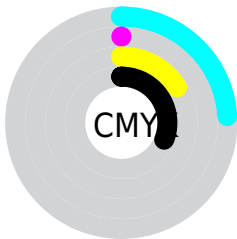
Blue (58%)



Red (53%)

Yellow (65%)

Blue (69%)

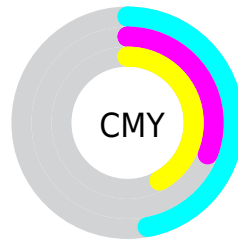


Cyan (24%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7021, 38.2571, 33.7832 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 30.7021, 38.2571, 33.7832 by changing the saturation by 10% instead.

■ 30.7021, 38.2571,
33.7832

■ 30.7021, 38.2571,
33.7832

297.0150,
338.7216, 333.9039

■ 20.5228, 26.1823,
22.4511

■ 60.1498, 72.5020,
66.7264

■ 12.8861, 16.9601,
13.9872

■ 80.1489, 95.4409,
89.1746

■ 7.4266, 10.2060,
7.9731

■ 104.1520,
122.7700, 116.1652

■ 3.7790, 5.5358,
3.9902

132.5245,
154.8736, 148.1168

■ 1.5779, 2.5649,
1.6200

165.6317,
192.1362, 185.4480

■ 0.3779, 0.9091,
0.3050

203.8389,

■ 0.0000, 0.0000,

234.9421, 228.5772

0.0000

247.5116,
283.6758, 277.9229

■ 30.7021, 38.2571,
33.7832

■ 30.7021, 38.2571,
33.7832

■ 27.2449, 36.5778,
29.0167

■ 34.7225, 40.2179,
39.0692

■ 24.3218, 35.1623,
24.7515

■ 39.3270, 42.4677,
44.8872

■ 21.9060, 33.9981,
20.9717

■ 44.5395, 45.0193,
51.2525

■ 19.9667, 33.0696,
17.6598

■ 50.3815, 47.8837,
58.1791

■ 18.4699, 32.3598,
14.7973

■ 56.8733, 51.0710,
65.6804

■ 17.3767, 31.8490,
12.3643

■ 64.0345, 54.5911,
73.7692

■ 16.6408, 31.5137,
10.3392

■ 71.0683, 58.0330,
82.4200

■ 16.3069, 31.3644,
9.2870

■ 72.7737, 58.7152,
91.4006

■ 74.5922, 59.4426,
100.9767

Harmonies

Analogous

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



32.7776, 38.2571, 27.7193



30.7021, 38.2571, 33.7832



30.1075, 38.2571, 42.9359

Triad

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



30.7021, 38.2571, 33.7832



36.8066, 38.2571, 63.7586



42.1879, 38.2571, 31.9097

Complementary

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



30.7021, 38.2571, 33.7832



32.9524, 28.8897, 38.0234

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.



43.4282, 38.2571, 40.4008



30.7021, 38.2571, 33.7832



40.1991, 38.2571, 59.6199

Square

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



30.7021, 38.2571, 33.7832



33.4981, 38.2571, 61.2442



42.6785, 38.2571, 50.6645



39.3851, 38.2571, 26.7644

Rectangle

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



30.7021, 38.2571, 33.7832



30.5974, 38.2571, 49.8475



42.6785, 38.2571, 50.6645



42.8092, 38.2571, 34.4141

Sweetspot

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



30.7031, 38.2587, 33.7841



68.4833, 75.6304, 77.8616



34.8727, 40.5286, 28.5394



14.7356, 16.3386, 16.7408



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.



30.7031, 38.2587, 33.7841



52.0215, 67.6047, 56.2778



32.4539, 38.9590, 43.0034



8.5019, 9.5353, 9.6369



11.9887, 23.0215, 6.9436



0.4050, 0.7355, 0.3647

Inverse Universe

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



32.9524, 28.8897, 38.0234



56.8614, 47.4357, 65.3930



31.2907, 28.2250, 29.2726



8.7272, 8.5976, 10.0618



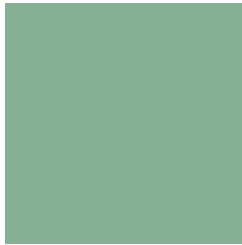
15.5352, 7.7316, 13.2442



0.5145, 0.2536, 0.5521

Previews

White Background



This preview shows how the XYZ color 30.7021, 38.2571, 33.7832 looks on a white background.

Color Contrast Check

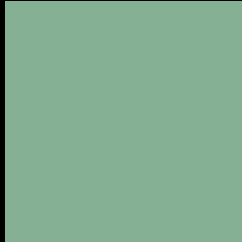
Large Text (above 18pt) WCAG AA × Fail

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 30.7021, 38.2571, 33.7832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

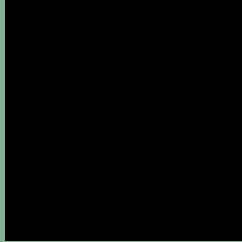
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7021, 38.2571, 33.7832

Background



This preview shows how black text looks on a background with the XYZ color 30.7021, 38.2571, 33.7832.



This preview shows how white text looks on a background with the XYZ color 30.7021, 38.2571,

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

30.7021, 38.2571, 33.7832

Protanopia

35.8686, 37.8921, 31.4100

Deuteranopia

38.6502, 37.9408, 34.5644



Tritanopia

34.3044, 38.2913, 51.4819

Trichromacy



Original Color

30.7021, 38.2571, 33.7832

Protanomaly

33.5969, 37.7912, 32.3117

Deuteranomaly

35.2897, 37.7993, 34.2902

Tritanomaly

32.8712, 38.2690, 44.6839

Monochromacy



Original Color

30.7021, 38.2571, 33.7832

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3995, 36.2520, 36.7422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7021, 38.2571, 33.7832 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(134, 176, 148)` looks like.

```
.text, #text, p{  
    color:rgb(134, 176, 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(134, 176, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 176, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.7021, 38.2571, 33.7832 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(134, 176, 148) }
```


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

```
.border{ border-color:rgb(134, 176, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 176, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 176, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 176, 148);  
box-shadow:4px 4px 4px 4px rgb(134, 176,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7021, 38.2571, 33.7832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 176, 148) }
```

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

```
.background{ background-color: rgb(134,  
176, 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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