

Converting Colors

XYZ(38.4930, 47.2083, 35.1003)

Have a look what the booklet for
XYZ(38.4930, 47.2083, 35.1003)
contains.

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Color

**XYZ(38.4930, 47.2083,
35.1003)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC094
RGB	159, 192, 148
RGB Percent	62%, 75%, 58%
CMY	0.3765, 0.2470, 0.4196
CMYK	0.17, 0.00, 0.23, 0.25
HSL	105°, 26%, 67%
HSV	105°, 23%, 75%
XYZ	38.4930, 47.2083, 35.1003
YIQ	177.1170, -5.5440, -20.6800

Conversions

Conversions Part 2

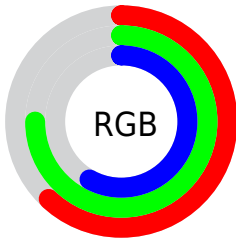
Format	Color
RYB	148, 192, 181
Decimal	10469524
CIELab	74.32, -19.39, 18.59
CIELCh	74, 26.868, 136.206
Yxy	47.2083, 0.3186, 0.3908
Android (android.graphics.Color)	4288659604 (0xFF9FC094)
YUV	177.1170, -14.3547, -15.8886
Hunter-Lab	68.7083, -20.2370, 17.8069

Details

The XYZ color **38.4930, 47.2083, 35.1003** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.1623, 34.8107, 54.5267**, and the grayscale version is **41.9276, 44.1111, 48.0370**.

A 20% lighter version of the original color is **72.2679, 86.3118, 68.7280**, and **17.3096, 22.1658, 14.6754** is the 20% darker color. If you saturate the color by 10%, you get **34.4065, 45.2643, 27.6232**, and if you desaturate by 10%, it is **43.1669, 49.4288, 43.9228**.

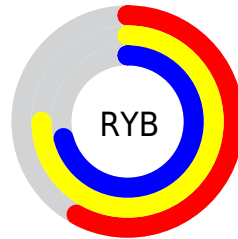
Distribution



Red (62%)

Green (75%)

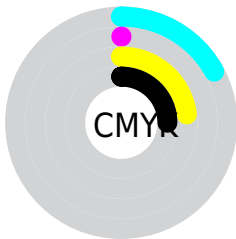
Blue (58%)



Red (58%)

Yellow (75%)

Blue (71%)

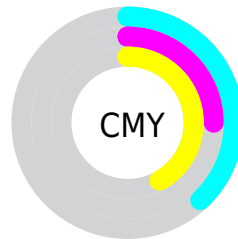


Cyan (17%)

Magenta (0%)

Yellow (23%)

Black (25%)



Cyan (38%)


Magenta (25%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4930, 47.2083, 35.1003 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 38.4930, 47.2083, 35.1003 by changing the saturation by 10% instead.


 38.4930, 47.2083,
35.1003


 38.4930, 47.2083,
35.1003


330.9745,
375.6454, 339.9285

 26.5445, 33.2004,
23.4560


 72.1622, 86.0245,
68.7945

 17.3662, 22.2800,
14.7221


 94.6136, 111.6015,
91.6814

 10.5929, 14.0628,
8.4801


121.2967,
141.8036, 119.1529

 5.8590, 8.1643,
4.3115

152.5767,
177.0153, 151.6275

 2.7994, 4.2003,
1.7978

188.8192,
217.6209, 189.5239

 1.0486, 1.7862,
0.4265

230.3894,

 0.0000, 0.4786,

264.0049, 233.2605

0.0000

277.6527,
316.5516, 283.2559

■ 0.0000, 0.0000,
0.0000

■ 38.4930, 47.2083,
35.1003

■ 38.4930, 47.2083,
35.1003

■ 34.4065, 45.2643,
27.6232

■ 43.1669, 49.4288,
43.9228

■ 30.8798, 43.5798,
21.4224

■ 48.4469, 51.9298,
54.1491

■ 27.8887, 42.1453,
16.4274

■ 54.3553, 54.7231,
65.8378

■ 25.4057, 40.9483,
12.5597

■ 60.9123, 57.8179,
79.0432

■ 23.4005, 39.9751,
9.7314

■ 68.1371, 61.2229,
93.8170

■ 21.8393, 39.2105,
7.8415

■ 74.6988, 64.4069,
103.1025

■ 20.6834, 38.6371,
6.7689

■ 78.1406, 66.1811,
103.2635

■ 20.0692, 38.3294,
6.3406

Harmonies

Analogous

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



42.3271, 47.2083, 29.8529



38.4930, 47.2083, 35.1003



36.4395, 47.2083, 45.3156

Triad

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



38.4930, 47.2083, 35.1003



42.6913, 47.2083, 81.8104



54.3949, 47.2083, 44.3285

Complementary

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



38.4930, 47.2083, 35.1003



39.1623, 34.8107, 54.5267

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.



54.5100, 47.2083, 58.0099



38.4930, 47.2083, 35.1003



47.5130, 47.2083, 81.4160

Square

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



38.4930, 47.2083, 35.1003



38.7431, 47.2083, 73.0970



51.9152, 47.2083, 72.1003



51.6111, 47.2083, 34.4899

Rectangle

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



38.4930, 47.2083, 35.1003



36.2539, 47.2083, 54.3317



51.9152, 47.2083, 72.1003



54.7534, 47.2083, 48.5792

Sweetspot

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



38.4942, 47.2103, 35.1013



83.6294, 92.1251, 90.0216



43.6093, 46.3944, 34.6742



17.8162, 19.7047, 19.0701



92.9021, 97.7402, 106.4391



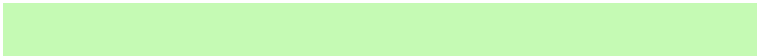
19.4759, 20.4902, 22.3138

Same Dimension

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



38.4942, 47.2103, 35.1013



65.5212, 83.5283, 55.8108



37.3218, 46.5005, 39.8104



10.1751, 11.3777, 10.7217



13.5650, 25.8218, 4.2692



0.6518, 1.1495, 0.1875

Inverse Universe

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



39.1623, 34.8107, 54.5267



66.9581, 56.7337, 97.7819



40.6703, 35.7237, 48.4698



10.2435, 10.1167, 12.6977



14.2165, 6.5893, 34.0792



0.6742, 0.3156, 1.4753

Previews

White Background



This preview shows how the XYZ color 38.4930, 47.2083, 35.1003 looks on a white background.

Color Contrast Check

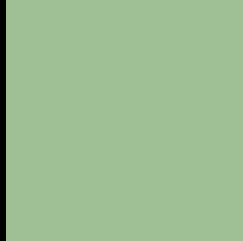
Large Text (above 18pt) WCAG AA × Fail

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 38.4930, 47.2083, 35.1003 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 38.4930, 47.2083, 35.1003

Background



This preview shows how black text looks on a background with the XYZ color 38.4930, 47.2083, 35.1003.



This preview shows how white text looks on a background with the XYZ color 38.4930, 47.2083,

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

38.4930, 47.2083, 35.1003

Protanopia

43.9340, 46.9084, 32.7253

Deuteranopia

47.7799, 46.7432, 35.7822



Tritanopia

43.7106, 47.0835, 61.4278

Trichromacy



Original Color

38.4930, 47.2083, 35.1003

Protanomaly

41.7258, 46.9859, 33.6581

Deuteranomaly

43.7671, 46.4562, 35.5143

Tritanomaly

41.6336, 47.1951, 50.6313

Monochromacy



Original Color

38.4930, 47.2083, 35.1003

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.1884, 44.7551, 42.5968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4930, 47.2083, 35.1003 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(159, 192, 148)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 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(159, 192, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.4930, 47.2083, 35.1003 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(159, 192, 148) }
```


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

```
.border{ border-color:rgb(159, 192, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 192, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 148);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4930, 47.2083, 35.1003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 148) }
```

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

```
.background{ background-color: rgb(159,  
192, 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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