

# Converting Colors

XYZ(47.1467, 47.3411, 47.2103)

Have a look what the booklet for  
XYZ(47.1467, 47.3411, 47.2103)  
contains.

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# Color

**XYZ(47.1467, 47.3411,  
47.2103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6B3AF
RGB	198, 179, 175
RGB Percent	78%, 70%, 69%
CMY	0.2235, 0.2980, 0.3137
CMYK	0.00, 0.10, 0.12, 0.22
HSL	10°, 17%, 73%
HSV	10°, 12%, 78%
XYZ	47.1467, 47.3411, 47.2103
YIQ	184.2250, 12.6080, 2.7840

# Conversions

## Conversions Part 2

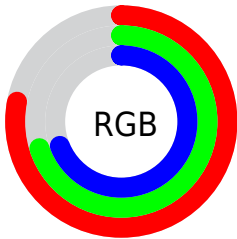
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 180, 175
Decimal	13022127
CIE Lab	74.41, 6.11, 4.50
CIE LCh	74, 7.589, 36.361
Yxy	47.3411, 0.3327, 0.3341
Android (android.graphics.Color)	4291212207 (0xFFC6B3AF)
YUV	184.2250, -4.5479, 12.0807
Hunter-Lab	68.8049, 1.9038, 7.4817

# Details

The XYZ color **47.1467, 47.3411, 47.2103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1639, 51.7739, 60.9343**, and the grayscale version is **45.7049, 48.0851, 52.3647**.

A 20% lighter version of the original color is **85.2313, 86.3898, 87.0456**, and **22.5376, 22.2811, 21.8517** is the 20% darker color. If you saturate the color by 10%, you get **42.2576, 40.4499, 36.6794**, and if you desaturate by 10%, it is **52.7124, 55.1281, 59.3747**.

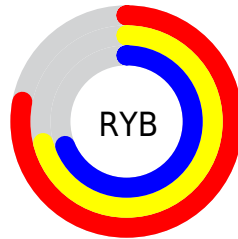
# Distribution



Red (78%)

Green (70%)

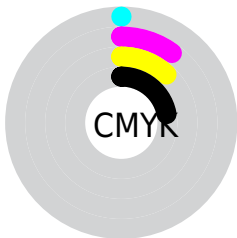
Blue (69%)



Red (78%)

Yellow (71%)

Blue (69%)

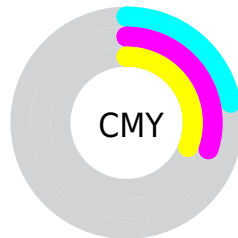


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (30%)

Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1467, 47.3411, 47.2103 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 47.1467, 47.3411, 47.2103 by changing the saturation by 10% instead.





 47.1467, 47.3411,  
47.2103

 47.1467, 47.3411,  
47.2103


366.0389,  
376.1744, 392.0714

 33.3601, 33.3054,  
32.8464


 85.1500, 86.2226,  
87.3807

 22.5630, 22.3605,  
21.7387

110.0973,  
111.8371, 114.0243

 14.3901, 14.1220,  
13.4685


139.4956,  
142.0800, 145.5982

 8.4760, 8.2056,  
7.6174

173.7102,  
177.3357, 182.5210

 4.4553, 4.2268,  
3.7669

213.1065,  
217.9886, 225.2111

 1.9628, 1.8012,  
1.4984

258.0498,

 0.6130, 0.4879,

264.4231, 274.0872

0.2167

308.9055,  
317.0236, 329.5678

■ 0.0000, 0.0000,  
0.0000

■ 47.1467, 47.3411,  
47.2103

■ 47.1467, 47.3411,  
47.2103

■ 42.2576, 40.4499,  
36.6794

■ 52.7124, 55.1281,  
59.3747

■ 38.0152, 34.4161,  
27.7094

■ 58.9751, 63.8348,  
73.2349

■ 34.3934, 29.2079,  
20.2265

■ 65.9595, 73.4925,  
88.8538

■ 31.3623, 24.7891,  
14.1501

■ 73.6877, 84.1286,  
106.2901

■ 28.8901, 21.1209,  
9.3917

■ 77.0990, 90.7459,  
108.0599

■ 26.9414, 18.1609,  
5.8526

■ 25.4769, 15.8625,  
3.4203

■ 24.4512, 14.1734,  
1.9611

■ 23.8744, 13.1767,  
1.2850

# Harmonies

## Analogous

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



47.6599, 47.3411, 50.7167



47.1467, 47.3411, 47.2103



46.0586, 47.3411, 44.9523

# Triad

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



47.1467, 47.3411, 47.2103



42.6307, 47.3411, 48.5861



45.2882, 47.3411, 59.3969

# Complementary

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



47.1467, 47.3411, 47.2103



47.1639, 51.7739, 60.9343

# 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.



43.9504, 47.3411, 58.7558



47.1467, 47.3411, 47.2103



42.4338, 47.3411, 52.3851

# Square

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



47.1467, 47.3411, 47.2103



43.4556, 47.3411, 45.7180



42.9123, 47.3411, 56.1402



46.5730, 47.3411, 57.8502



# Rectangle

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



47.1467, 47.3411, 47.2103



45.1633, 47.3411, 44.3918



42.9123, 47.3411, 56.1402



44.8297, 47.3411, 59.4312

# Sweetspot

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



47.1480, 47.3432, 47.2113



91.8599, 95.5517, 101.8809



48.3757, 46.5690, 57.5768



19.4835, 20.2030, 21.4152



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

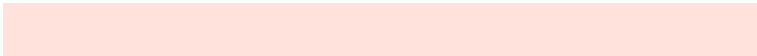


# Same Dimension

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



47.1480, 47.3432, 47.2113



81.1301, 80.5191, 78.4908



49.5129, 52.0731, 47.9996



10.7807, 10.9304, 11.1043



15.5702, 8.6576, 0.8504



0.7846, 0.5046, 0.0560



# Inverse Universe

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



47.1639, 51.7739, 60.9343



81.1633, 89.9458, 107.6912



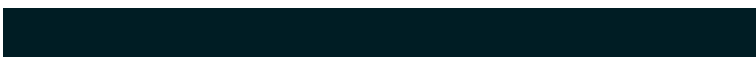
44.7377, 46.9215, 60.1255



10.7836, 11.7413, 13.6154



15.2639, 19.9217, 37.7851

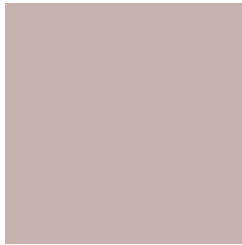


0.7652, 1.0283, 1.8033



# Previews

## White Background



This preview shows how the XYZ color 47.1467, 47.3411, 47.2103 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

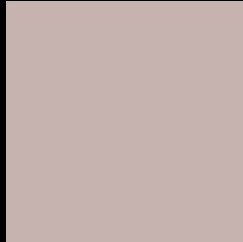
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 47.1467, 47.3411, 47.2103 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

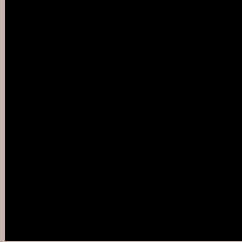
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 47.1467, 47.3411, 47.2103**

## **Background**



This preview shows how black text looks on a background with the XYZ color 47.1467, 47.3411, 47.2103.



This preview shows how white text looks on a background with the XYZ color 47.1467, 47.3411,



# 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

47.1467, 47.3411, 47.2103

### Protanopia

45.4028, 47.3216, 48.3360

### Deuteranopia

48.3618, 47.3768, 47.1531



## Tritanopia

48.8358, 47.4413, 55.2984

# Trichromacy



## Original Color

47.1467, 47.3411, 47.2103

## Protanomaly

46.0986, 47.3888, 47.7916

## Deuteranomaly

48.0154, 47.4925, 47.1937

## Tritanomaly

48.2305, 47.4857, 52.5226

# Monochromacy



## Original Color

47.1467, 47.3411, 47.2103

## Achromatopsia

45.5594, 47.9320, 52.1980

## Achromatomaly

46.0547, 47.6109, 50.4785

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 47.1467, 47.3411, 47.2103 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(198, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 175)  
}
```

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(198, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 175) }
```

## Border

The CSS property to change the border of an element to XYZ 47.1467, 47.3411, 47.2103 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(198, 179, 175) }
```



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

```
.border{ border-color:rgb(198, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
175) }
```

# Background

The CSS property to change the background color of an element to XYZ 47.1467, 47.3411, 47.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 175) }
```

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

```
.background{ background-color: rgb(198,  
179, 175) }
```

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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