

Converting Colors

XYZ(38.1871, 37.5939, 27.7979)

Have a look what the booklet for
XYZ(38.1871, 37.5939, 27.7979)
contains.

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Color

**XYZ(38.1871, 37.5939,
27.7979)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9F86
RGB	191, 159, 134
RGB Percent	75%, 62%, 53%
CMY	0.2510, 0.3765, 0.4745
CMYK	0.00, 0.17, 0.30, 0.25
HSL	26°, 31%, 64%
HSV	26°, 30%, 75%
XYZ	38.1871, 37.5939, 27.7979
YIQ	165.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

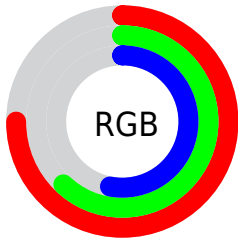
Format	Color
R_{YB}	191, 179, 134
Decimal	12558214
CIE _{Lab}	67.72, 8.08, 17.47
CIE _{LCh}	68, 19.248, 65.170
Yxy	37.5939, 0.3687, 0.3629
Android (android.graphics.Color)	4290748294 (0xFFBF9F86)
YUV	165.7180, -15.6370, 22.1723
Hunter-Lab	61.3139, 3.8729, 16.0394

Details

The XYZ color **38.1871, 37.5939, 27.7979** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8713, 36.1013, 54.5261**, and the grayscale version is **36.1741, 38.0580, 41.4451**.

A 20% lighter version of the original color is **71.7276, 71.6374, 57.0607**, and **17.2793, 16.6836, 10.6970** is the 20% darker color. If you saturate the color by 10%, you get **35.2092, 33.5808, 20.8159**, and if you desaturate by 10%, it is **41.5676, 42.0266, 36.1020**.

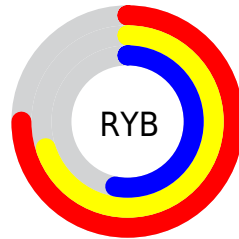
Distribution



Red (75%)

Green (62%)

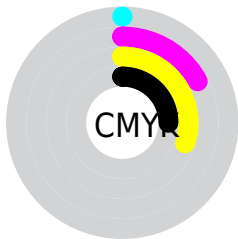
Blue (53%)



Red (75%)

Yellow (70%)

Blue (53%)

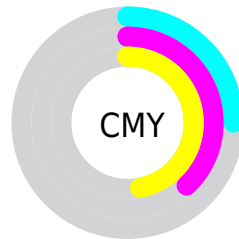


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1871, 37.5939, 27.7979 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 38.1871, 37.5939, 27.7979 by changing the saturation by 10% instead.


 38.1871, 37.5939,
27.7979


 38.1871, 37.5939,
27.7979


329.6889,
335.8747, 305.3814


 26.3058, 25.6677,
17.9357


 71.6969, 71.4853,
57.1808

 17.1864, 16.5752,
10.7348


 94.0561, 94.2192,
77.5386

 10.4636, 9.9321,
5.7769


 120.6386,
121.3244, 102.2319

 5.7720, 5.3539,
2.6433

151.8098,
153.1854, 131.6794

 2.7463, 2.4564,
0.9147

187.9351,
190.1866, 166.2996

 1.0211, 0.8547,
0.0000

229.3798,

 0.0000, 0.0000,

232.7122, 206.5109

0.0000

276.5093,
281.1468, 252.7320

■ 38.1871, 37.5939,
27.7979

■ 38.1871, 37.5939,
27.7979

■ 35.2092, 33.5808,
20.8159

■ 41.5676, 42.0266,
36.1020

■ 32.6139, 29.9688,
15.0840

■ 45.3635, 46.8863,
45.7902

■ 30.3838, 26.7456,
10.5270

■ 49.5909, 52.1868,
56.9236

■ 28.4987, 23.8961,
7.0604

■ 54.2638, 57.9394,
69.5587

■ 26.9361, 21.4039,
4.5881

■ 59.3957, 64.1552,
83.7490

■ 25.6700, 19.2510,
2.9971

■ 64.9996, 70.8449,
99.5455

■ 24.6544, 17.4107,
2.0698

■ 68.9744, 77.1734,
105.8684

■ 24.6396, 17.3838,
2.0568

■ 72.1208, 83.4661,
106.9171

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



40.6126, 37.5939, 32.2071



38.1871, 37.5939, 27.7979



35.2191, 37.5939, 26.6948

Triad

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



38.1871, 37.5939, 27.7979



30.3345, 37.5939, 42.4268



39.1276, 37.5939, 55.8314

Complementary

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



38.1871, 37.5939, 27.7979



32.8713, 36.1013, 54.5261

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.



36.2496, 37.5939, 59.5037



38.1871, 37.5939, 27.7979



31.2587, 37.5939, 51.1086

Square

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



38.1871, 37.5939, 27.7979



30.7898, 37.5939, 34.4348



33.3842, 37.5939, 57.6660



41.1763, 37.5939, 48.2020

Rectangle

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



38.1871, 37.5939, 27.7979



33.3548, 37.5939, 27.8296



33.3842, 37.5939, 57.6660



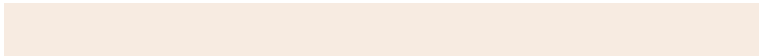
38.2193, 37.5939, 57.6144

Sweetspot

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



38.1881, 37.5956, 27.7987



81.7505, 84.6120, 83.3205



36.9218, 30.8912, 40.2378



17.7194, 18.2858, 17.6939



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.



38.1881, 37.5956, 27.7987



64.7285, 62.4157, 41.1210



43.6020, 48.4234, 29.6033



9.8652, 10.2065, 10.0267



16.2702, 11.5791, 1.3775



0.7025, 0.5839, 0.0757

Inverse Universe

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



32.8713, 36.1013, 54.5261



53.6293, 59.2895, 96.8966



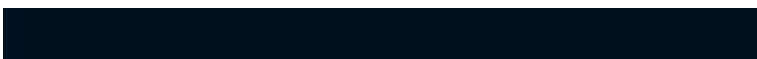
28.2957, 26.9500, 53.0009



9.4487, 10.0898, 12.1217



9.7315, 9.5747, 33.7281



0.4453, 0.5032, 1.3425

Previews

White Background



This preview shows how the XYZ color 38.1871, 37.5939, 27.7979 looks on a white background.

Color Contrast Check

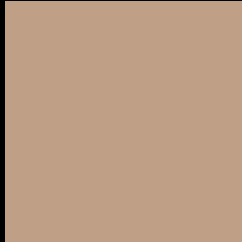
Large Text (above 18pt) WCAG AA × Fail

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 38.1871, 37.5939, 27.7979 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 38.1871, 37.5939, 27.7979

Background



This preview shows how black text looks on a background with the XYZ color 38.1871, 37.5939, 27.7979.



This preview shows how white text looks on a background with the XYZ color 38.1871, 37.5939,

27.7979.

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

38.1871, 37.5939, 27.7979

Protanopia

35.4260, 37.7151, 29.0795

Deuteranopia

38.4394, 37.7240, 27.8097



Tritanopia

40.9442, 37.4665, 41.1502

Trichromacy



Original Color

38.1871, 37.5939, 27.7979

Protanomaly

36.3635, 37.6753, 28.6480

Deuteranomaly

38.4394, 37.7240, 27.8097

Tritanomaly

39.9693, 37.5794, 35.7188

Monochromacy



Original Color

38.1871, 37.5939, 27.7979

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6091, 37.6414, 35.9079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1871, 37.5939, 27.7979 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(191, 159, 134)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 134)  
}
```

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(191, 159, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 134) }
```

Border

The CSS property to change the border of an element to XYZ 38.1871, 37.5939, 27.7979 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(191, 159, 134) }
```


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

```
.border{ border-color:rgb(191, 159, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 159, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 159, 134); box-shadow:4px 4px 4px 4px rgb(191, 159, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1871, 37.5939, 27.7979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 134) }
```

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

```
.background{ background-color: rgb(191,  
159, 134) }
```

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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