

Converting Colors

XYZ(38.0939, 39.6298, 26.9937)

Have a look what the booklet for
XYZ(38.0939, 39.6298, 26.9937)
contains.

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Color

**XYZ(38.1652, 39.7152,
27.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA783
RGB	186, 167, 131
RGB Percent	73%, 65%, 51%
CMY	0.2706, 0.3451, 0.4863
CMYK	0.00, 0.10, 0.30, 0.27
HSL	39°, 28%, 62%
HSV	39°, 30%, 73%
XYZ	38.1652, 39.7152, 27.1270
YIQ	168.5770, 22.8800, -7.1680

Conversions

Conversions Part 2

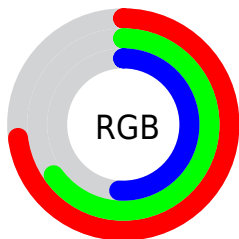
Format	Color
RYB	160, 186, 131
Decimal	12232579
CIELab	69.27, 1.35, 21.16
CIELCh	69, 21.206, 86.354
Yxy	39.7152, 0.3635, 0.3782
Android (android.graphics.Color)	4290422659 (0xFFBAA783)
YUV	168.5770, -18.5255, 15.2800
Hunter-Lab	63.0200, -2.1846, 18.5926

Details

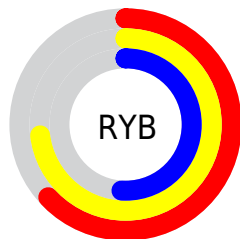
The XYZ color **38.1652, 39.7152, 27.1270** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.1292, 30.1825, 50.7452**, and the grayscale version is **37.5846, 39.5420, 43.0612**.

A 20% lighter version of the original color is **71.7352, 74.7579, 55.9963**, and **17.1317, 17.7611, 10.3099** is the 20% darker color. If you saturate the color by 10%, you get **35.8685, 36.9613, 20.6904**, and if you desaturate by 10%, it is **40.7487, 42.6802, 34.7766**.

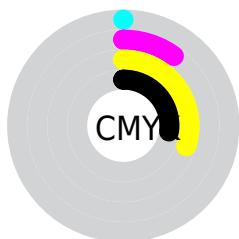
Distribution



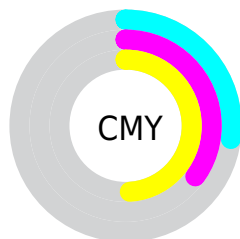
- Red (73%)
- Green (65%)
- Blue (51%)



- Red (63%)
- Yellow (73%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1652, 39.7152, 27.1270 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 38.1652, 39.7152, 27.1270 by changing the saturation by 10% instead.

■ 38.1652, 39.7152,
27.1270

■ 38.1652, 39.7152,
27.1270

329.5967,
344.9217, 302.0511

■ 26.2887, 27.3166,
17.4353

■ 71.6635, 74.7296,
56.0938

■ 17.1736, 17.8111,
10.3801

■ 94.0161, 98.1142,
76.2060

■ 10.4544, 10.8145,
5.5428

■ 120.5914,
125.9296, 100.6289

■ 5.7658, 5.9422,
2.5049

151.7549,
158.5601, 129.7809

■ 2.7425, 2.8100,
0.8427

187.8718,
196.3902, 164.0805

■ 1.0191, 1.0333,
0.0000

229.3075,

■ 0.0000, 0.0000,

239.8042, 203.9465

0.0000

276.4273,
289.1866, 249.7971

■ 38.1652, 39.7152,
27.1270

■ 38.1652, 39.7152,
27.1270

■ 35.8685, 36.9613,
20.6904

■ 40.7487, 42.6802,
34.7766

■ 33.8427, 34.4065,
15.4004

■ 43.6281, 45.8570,
43.6962

■ 32.0746, 32.0457,
11.1877

■ 46.8156, 49.2533,
53.9418

■ 30.5487, 29.8712,
7.9746

■ 50.3219, 52.8744,
65.5657

■ 29.2474, 27.8746,
5.6726

■ 54.1570, 56.7258,
78.6171

■ 28.1500, 26.0460,
4.1779

■ 58.3305, 60.8124,
93.1427

■ 27.2181, 24.3686,
3.2921

■ 61.8369, 64.7332,
103.8434

■ 27.1797, 24.2990,
3.2576

■ 63.4747, 68.0089,
104.3893

■ 65.1771, 71.4137,
104.9568

Harmonies

Analogous

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



41.4855, 39.7152, 29.4605



38.1652, 39.7152, 27.1270



34.9212, 39.7152, 28.5486

Triad

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



38.1652, 39.7152, 27.1270



32.1905, 39.7152, 52.0935



43.4531, 39.7152, 54.4624

Complementary

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



38.1652, 39.7152, 27.1270



29.1292, 30.1825, 50.7452

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.



40.7236, 39.7152, 62.2726



38.1652, 39.7152, 27.1270



34.2422, 39.7152, 60.7672

Square

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



38.1652, 39.7152, 27.1270



31.5954, 39.7152, 42.0638



37.3341, 39.7152, 64.7362



44.6518, 39.7152, 44.4442

Rectangle

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



38.1652, 39.7152, 27.1270



33.2145, 39.7152, 31.5702



37.3341, 39.7152, 64.7362



42.6765, 39.7152, 57.4879

Sweetspot

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



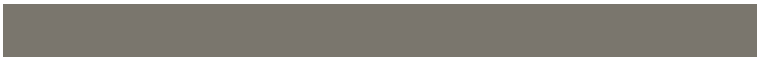
38.1662, 39.7170, 27.1278



79.3096, 83.3688, 79.9330



33.8916, 28.8823, 32.7489



17.2887, 18.1676, 17.0454



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.1662, 39.7170, 27.1278



66.6148, 68.9428, 41.9020



39.9588, 46.1923, 28.2832



9.4820, 9.9669, 9.5310



18.3576, 16.4915, 2.2156



0.7025, 0.6920, 0.0965

Inverse Universe

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



29.1292, 30.1825, 50.7452



47.7763, 49.0740, 91.1555



27.6690, 25.2888, 49.8776



8.7680, 9.2132, 11.3956



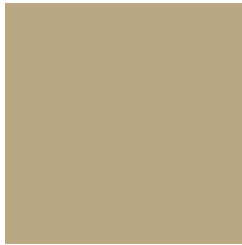
7.2691, 4.9979, 31.8346



0.3154, 0.2944, 1.1420

Previews

White Background



This preview shows how the XYZ color 38.1652, 39.7152, 27.1270 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 38.1652, 39.7152, 27.1270 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 38.1652, 39.7152, 27.1270

Background



This preview shows how black text looks on a background with the XYZ color 38.1652, 39.7152, 27.1270.



This preview shows how white text looks on a background with the XYZ color 38.1652, 39.7152,

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

38.1652, 39.7152, 27.1270

Protanopia

37.1752, 39.7452, 27.5420

Deuteranopia

40.3739, 39.5124, 27.3285



Tritanopia

41.8707, 39.6221, 45.4854

Trichromacy



Original Color

38.1652, 39.7152, 27.1270

Protanomaly

37.4589, 39.6163, 27.5022

Deuteranomaly

39.6885, 39.6862, 27.3982

Tritanomaly

40.2550, 39.4818, 37.8468

Monochromacy



Original Color

38.1652, 39.7152, 27.1270

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.5982, 39.4858, 36.6502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1652, 39.7152, 27.1270 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(186, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 131)  
}
```

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(186, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 131) }
```

Border

The CSS property to change the border of an element to XYZ 38.1652, 39.7152, 27.1270 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(186, 167, 131) }
```


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

```
.border{ border-color:rgb(186, 167, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 167, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 167,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1652, 39.7152, 27.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 167, 131) }
```

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

```
.background{ background-color: rgb(186,  
167, 131) }
```

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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