

Converting Colors

XYZ(38.0191, 39.8153, 30.9548)

Have a look what the booklet for
XYZ(38.0191, 39.8153, 30.9548)
contains.

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Color

**XYZ(38.1018, 39.8734,
30.8875)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A88D
RGB	182, 168, 141
RGB Percent	71%, 66%, 55%
CMY	0.2863, 0.3412, 0.4471
CMYK	0.00, 0.08, 0.23, 0.29
HSL	40°, 22%, 63%
HSV	40°, 23%, 71%
XYZ	38.1018, 39.8734, 30.8875
YIQ	169.1080, 17.0110, -5.4290

Conversions

Conversions Part 2

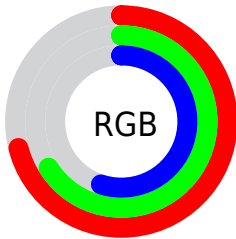
Format	Color
RYB	162, 182, 141
Decimal	11970701
CIELab	69.38, 0.66, 15.79
CIELCh	69, 15.807, 87.618
Yxy	39.8734, 0.3500, 0.3663
Android (android.graphics.Color)	4290160781 (0xFFB6A88D)
YUV	169.1080, -13.8572, 11.3063
Hunter-Lab	63.1454, -2.7979, 15.2001

Details

The XYZ color **38.1018, 39.8734, 30.8875** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.1493, 32.4823, 48.8843**, and the grayscale version is **37.8269, 39.7968, 43.3388**.

A 20% lighter version of the original color is **71.4979, 74.8926, 62.3171**, and **17.1870, 17.9132, 12.4493** is the 20% darker color. If you saturate the color by 10%, you get **35.7379, 37.1374, 23.9584**, and if you desaturate by 10%, it is **40.7452, 42.8116, 39.0086**.

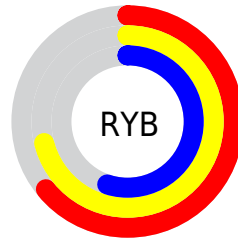
Distribution



Red (71%)

Green (66%)

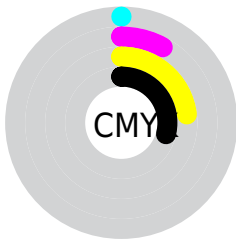
Blue (55%)



Red (64%)

Yellow (71%)

Blue (55%)

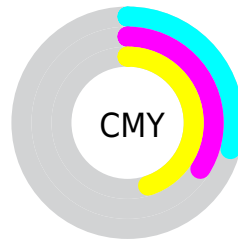


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1018, 39.8734, 30.8875 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 38.1018, 39.8734, 30.8875 by changing the saturation by 10% instead.

■ 38.1018, 39.8734,
30.8875

■ 38.1018, 39.8734,
30.8875

329.3298,
345.5897, 320.3548

■ 26.2393, 27.4398,
20.2555

■ 71.5670, 74.9707,
62.1404

■ 17.1364, 17.9038,
12.3950

■ 93.9005, 98.4032,
83.5983

■ 10.4277, 10.8810,
6.8875

■ 120.4549,
126.2709, 109.5020

■ 5.7479, 5.9869,
3.3144

151.5957,
158.9580, 140.2699

■ 2.7316, 2.8371,
1.2573

187.6883,
196.8491, 176.3206

■ 1.0135, 1.0473,
0.0264

229.0979,

■ 0.0000, 0.0000,

240.3285, 218.0726

0.0000

276.1899,
289.7805, 265.9445

■ 38.1018, 39.8734,
30.8875

■ 38.1018, 39.8734,
30.8875

■ 35.7379, 37.1374,
23.9584

■ 40.7452, 42.8116,
39.0086

■ 33.6387, 34.5925,
18.1615

■ 43.6758, 45.9522,
48.3729

■ 31.7928, 32.2341,
13.4353

■ 46.9050, 49.3023,
59.0313

■ 30.1864, 30.0555,
9.7114

■ 50.4422, 52.8668,
71.0314

■ 28.8043, 28.0494,
6.9137

■ 54.2969, 56.6506,
84.4182

■ 27.6291, 26.2073,
4.9547

■ 58.4777, 60.6583,
99.2347

■ 26.6402, 24.5199,
3.7301

■ 60.7594, 64.0008,
103.7588

■ 25.9923, 23.3467,
3.1364

■ 62.3377, 67.1575,
104.2849

■ 63.9765, 70.4349,
104.8311

Harmonies

Analogous

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



40.5744, 39.8734, 32.6433



38.1018, 39.8734, 30.8875



35.6795, 39.8734, 32.1650

Triad

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



38.1018, 39.8734, 30.8875



33.7341, 39.8734, 50.2267



42.1738, 39.8734, 51.3444

Complementary

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



38.1018, 39.8734, 30.8875



31.1493, 32.4823, 48.8843

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.



40.2076, 39.8734, 57.0237



38.1018, 39.8734, 30.8875



35.3428, 39.8734, 56.3294

Square

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



38.1018, 39.8734, 30.8875



33.2258, 39.8734, 42.8367



37.6959, 39.8734, 58.9415



42.9899, 39.8734, 43.9992

Rectangle

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



38.1018, 39.8734, 30.8875



34.4046, 39.8734, 34.6540



37.6959, 39.8734, 58.9415



41.6213, 39.8734, 53.5414

Sweetspot

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



38.1029, 39.8752, 30.8883



76.6776, 80.6494, 79.6179



34.7626, 31.3737, 35.3888



16.8658, 17.7380, 17.3616



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.1029, 39.8752, 30.8883



66.9042, 69.8015, 49.5426



39.4067, 44.5921, 31.7301



9.4850, 9.9730, 9.5320



18.4189, 16.6142, 2.2361



0.7043, 0.6957, 0.0972

Inverse Universe

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



31.1493, 32.4823, 48.8843



52.0782, 54.0415, 87.9220



30.0285, 28.6447, 48.2027



8.7650, 9.2073, 11.3947



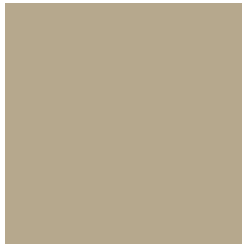
7.2404, 4.9406, 31.8251



0.3141, 0.2920, 1.1415

Previews

White Background



This preview shows how the XYZ color 38.1018, 39.8734, 30.8875 looks on a white background.

Color Contrast Check

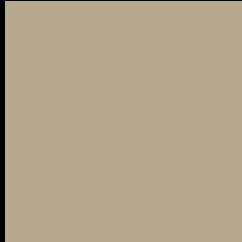
Large Text (above 18pt) WCAG AA × Fail

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 38.1018, 39.8734, 30.8875 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

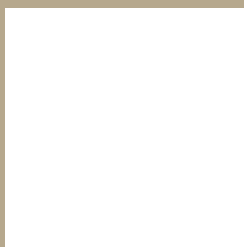
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1018, 39.8734, 30.8875

Background



This preview shows how black text looks on a background with the XYZ color 38.1018, 39.8734, 30.8875.



This preview shows how white text looks on a background with the XYZ color 38.1018, 39.8734,

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

38.1018, 39.8734, 30.8875

Protanopia

37.6609, 39.9126, 31.3102

Deuteranopia

40.4854, 39.7495, 31.1298



Tritanopia

41.1834, 39.7681, 46.5797

Trichromacy



Original Color

38.1018, 39.8734, 30.8875

Protanomaly

37.8928, 40.0322, 31.3210

Deuteranomaly

39.5728, 39.8104, 31.1897

Tritanomaly

40.0736, 39.8689, 40.2337

Monochromacy



Original Color

38.1018, 39.8734, 30.8875

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9015, 39.8778, 38.5004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1018, 39.8734, 30.8875 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(182, 168, 141)` looks like.

```
.text, #text, p{  
    color:rgb(182, 168, 141)  
}
```

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(182, 168, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 168, 141) }
```

Border

The CSS property to change the border of an element to XYZ 38.1018, 39.8734, 30.8875 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(182, 168, 141) }
```


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

```
.border{ border-color:rgb(182, 168, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 168, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 168, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 168, 141);  
box-shadow:4px 4px 4px 4px rgb(182, 168,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1018, 39.8734, 30.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 168, 141) }
```

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

```
.background{ background-color: rgb(182,  
168, 141) }
```

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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