

Converting Colors

XYZ(38.4295, 39.9924, 30.8006)

Have a look what the booklet for
XYZ(38.4295, 39.9924, 30.8006)
contains.

XYZ(38.5775, 40.1187, 30.9097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.5775, 40.1187,
30.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A88D
RGB	184, 168, 141
RGB Percent	72%, 66%, 55%
CMY	0.2784, 0.3412, 0.4471
CMYK	0.00, 0.09, 0.23, 0.28
HSL	38°, 23%, 64%
HSV	38°, 23%, 72%
XYZ	38.5775, 40.1187, 30.9097
YIQ	169.7060, 18.2030, -5.0050

Conversions

Conversions Part 2

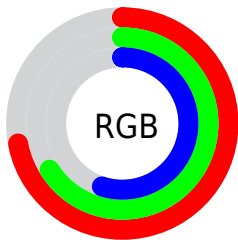
Format	Color
R _{YB}	166, 184, 141
Decimal	12101773
CIE Lab	69.55, 1.43, 16.06
CIE LCh	70, 16.126, 84.906
Yxy	40.1187, 0.3520, 0.3660
Android (android.graphics.Color)	4290291853 (0xFFB8A88D)
YUV	169.7060, -14.1521, 12.5358
Hunter-Lab	63.3393, -2.1265, 15.4039

Details

The XYZ color **38.5775, 40.1187, 30.9097** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.6929, 33.2365, 50.0925**, and the grayscale version is **38.1248, 40.1103, 43.6801**.

A 20% lighter version of the original color is **72.1732, 75.2407, 62.3487**, and **17.3396, 17.9919, 12.4564** is the 20% darker color. If you saturate the color by 10%, you get **36.0903, 37.1561, 23.8780**, and if you desaturate by 10%, it is **41.3608, 43.3089, 39.1633**.

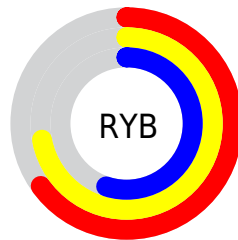
Distribution



Red (72%)

Green (66%)

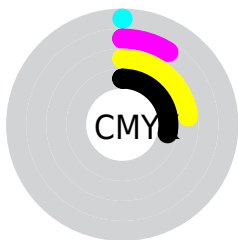
Blue (55%)



Red (65%)

Yellow (72%)

Blue (55%)

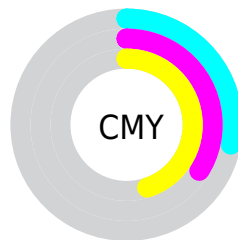


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (34%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5775, 40.1187, 30.9097 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 38.5775, 40.1187, 30.9097 by changing the saturation by 10% instead.


 38.5775, 40.1187,
30.9097


 38.5775, 40.1187,
30.9097


331.3290,
346.6236, 320.4604


 26.6105, 27.6311,
20.2722


 72.2906, 75.3442,
62.1758

 17.4159, 18.0478,
12.4070


 94.7675, 98.8510,
83.6415

 10.6286, 10.9843,
6.8956

 121.4782,
126.7995, 109.5536

 5.8831, 6.0563,
3.3195

152.7883,
159.5743, 140.3308

 2.8141, 2.8793,
1.2600

189.0631,
197.5597, 176.3915

 1.0563, 1.0691,
0.0286

230.6679,

 0.0000, 0.0000,

241.1401, 218.1543

0.0000

277.9681,
290.7000, 266.0378

■ 38.5775, 40.1187,
30.9097

■ 38.5775, 40.1187,
30.9097

■ 36.0903, 37.1561,
23.8780

■ 41.3608, 43.3089,
39.1633

■ 33.8838, 34.4093,
18.0062

■ 44.4486, 46.7276,
48.6916

■ 31.9460, 31.8731,
13.2306

■ 47.8526, 50.3823,
59.5475

■ 30.2622, 29.5399,
9.4803

■ 51.5831, 54.2787,
71.7799

■ 28.8165, 27.4018,
6.6761

■ 55.6497, 58.4222,
85.4355

■ 27.5904, 25.4494,
4.7270

■ 60.0617, 62.8178,
100.5584

■ 26.5623, 23.6723,
3.5235

■ 62.3522, 66.4803,
104.1534

■ 25.9611, 22.5782,
2.9897

■ 64.1417, 70.0593,
104.7499

■ 66.0051, 73.7861,
105.3710

Harmonies

Analogous

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



41.0806, 40.1187, 32.9773



38.5775, 40.1187, 30.9097



36.0634, 40.1187, 31.9339

Triad

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



38.5775, 40.1187, 30.9097



33.7719, 40.1187, 49.9980



42.3730, 40.1187, 52.4477

Complementary

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



38.5775, 40.1187, 30.9097



31.6929, 33.2365, 50.0925

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.



40.2774, 40.1187, 58.0080



38.5775, 40.1187, 30.9097



35.3273, 40.1187, 56.4847

Square

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



38.5775, 40.1187, 30.9097



33.3627, 40.1187, 42.4227



37.6892, 40.1187, 59.5631



43.3346, 40.1187, 44.9669

Rectangle

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



38.5775, 40.1187, 30.9097



34.7080, 40.1187, 34.3007



37.6892, 40.1187, 59.5631



41.7733, 40.1187, 54.6356

Sweetspot

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



38.5786, 40.1205, 30.9105



78.4108, 82.3339, 81.5155



35.4196, 31.6914, 36.3657



16.8318, 17.6700, 17.3503



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.



38.5786, 40.1205, 30.9105



67.5685, 69.9388, 49.2627



40.5350, 45.7860, 31.9010



9.4618, 9.9265, 9.5242



17.9617, 15.6997, 2.0837



0.6904, 0.6678, 0.0925

Inverse Universe

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



31.6929, 33.2365, 50.0925



52.9170, 55.2936, 90.0883



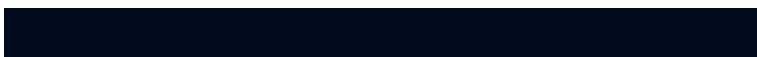
30.0341, 28.6235, 49.2895



8.7875, 9.2521, 11.4021



7.4689, 5.3976, 31.9012



0.3235, 0.3107, 1.1447

Previews

White Background



This preview shows how the XYZ color 38.5775, 40.1187, 30.9097 looks on a white background.

Color Contrast Check

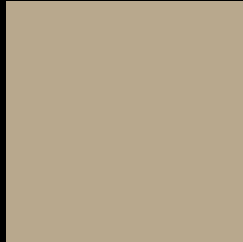
Large Text (above 18pt) WCAG AA × Fail

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 38.5775, 40.1187, 30.9097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

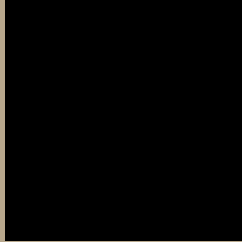
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5775, 40.1187, 30.9097

Background



This preview shows how black text looks on a background with the XYZ color 38.5775, 40.1187, 30.9097.



This preview shows how white text looks on a background with the XYZ color 38.5775, 40.1187,

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

38.5775, 40.1187, 30.9097

Protanopia

37.8476, 40.2862, 31.3724

Deuteranopia

40.7446, 39.8831, 31.1419



Tritanopia

41.6727, 40.0203, 46.6026

Trichromacy



Original Color

38.5775, 40.1187, 30.9097

Protanomaly

38.1265, 40.1527, 31.3319

Deuteranomaly

40.0758, 40.0697, 31.2132

Tritanomaly

40.5595, 40.1194, 40.2564

Monochromacy



Original Color

38.5775, 40.1187, 30.9097

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1252, 39.9931, 38.5109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5775, 40.1187, 30.9097 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(184, 168, 141)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 168, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 141) }
```

Border

The CSS property to change the border of an element to XYZ 38.5775, 40.1187, 30.9097 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(184, 168, 141) }
```


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

```
.border{ border-color:rgb(184, 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(184, 168, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 141);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5775, 40.1187, 30.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 141) }
```

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

```
.background{ background-color: rgb(184,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor