

Converting Colors

XYZ(38.6751, 40.7589, 31.8924)

Have a look what the booklet for
XYZ(38.6751, 40.7589, 31.8924)
contains.

XYZ(38.6241, 40.6777, 31.8025)	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(38.6241, 40.6777,
31.8025)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AA8F
RGB	182, 170, 143
RGB Percent	71%, 67%, 56%
CMY	0.2863, 0.3333, 0.4392
CMYK	0.00, 0.07, 0.21, 0.29
HSL	42°, 21%, 64%
HSV	42°, 21%, 71%
XYZ	38.6241, 40.6777, 31.8025
YIQ	170.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

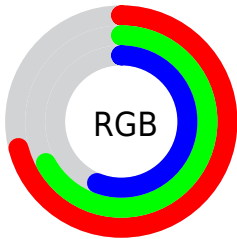
Format	Color
R _Y B	160, 182, 143
Decimal	11971215
CIE Lab	69.95, -0.12, 15.49
CIE LCh	70, 15.492, 90.459
Yxy	40.6777, 0.3476, 0.3661
Android (android.graphics.Color)	4290161295 (0xFFB6AA8F)
YUV	170.5100, -13.5624, 10.0767
Hunter-Lab	63.7791, -3.5152, 15.0813

Details

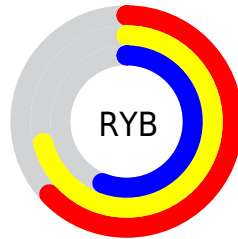
The XYZ color **38.6241, 40.6777, 31.8025** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.4925, 32.6591, 48.9003**, and the grayscale version is **38.5242, 40.5304, 44.1377**.

A 20% lighter version of the original color is **72.2632, 76.0588, 63.6955**, and **17.5075, 18.4143, 12.9875** is the 20% darker color. If you saturate the color by 10%, you get **36.3288, 38.1173, 24.7782**, and if you desaturate by 10%, it is **41.1900, 43.4206, 40.0216**.

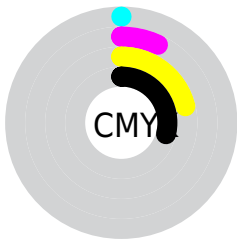
Distribution



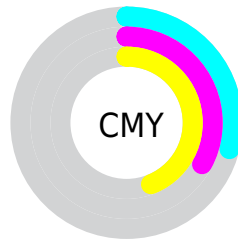
- Red (71%)
- Green (67%)
- Blue (56%)



- Red (63%)
- Yellow (71%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (29%)




- Cyan (29%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6241, 40.6777, 31.8025 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 38.6241, 40.6777, 31.8025 by changing the saturation by 10% instead.


 38.6241, 40.6777,
31.8025


 38.6241, 40.6777,
31.8025


331.5244,
348.9718, 324.6835

 26.6468, 28.0673,
20.9471


 72.3615, 76.1944,
63.5956

 17.4434, 18.3764,
12.8945


 94.8523, 99.8695,
85.3705

 10.6484, 11.2206,
7.2261

121.5783,
128.0017, 111.6223

 5.8965, 6.2154,
3.5233

152.9050,
160.9752, 142.7695

 2.8223, 2.9765,
1.3676

189.1975,
199.1746, 179.2307

 1.0605, 1.1195,
0.1163

230.8214,

 0.0000, 0.0000,

242.9843, 221.4244

0.0000

278.1419,
292.7885, 269.7692

■ 38.6241, 40.6777,
31.8025

■ 38.6241, 40.6777,
31.8025

■ 36.3288, 38.1173,
24.7782

■ 41.1900, 43.4206,
40.0216

■ 34.2896, 35.7286,
18.8893

■ 44.0338, 46.3458,
49.4859

■ 32.4952, 33.5075,
14.0748

■ 47.1665, 49.4597,
60.2462

■ 30.9324, 31.4479,
10.2674

■ 50.5977, 52.7670,
72.3497

■ 29.5863, 29.5429,
7.3919

■ 54.3363, 56.2722,
85.8411

■ 28.4401, 27.7848,
5.3624

■ 58.3909, 59.9795,
100.7630

■ 27.4738, 26.1646,
4.0770

■ 60.1894, 62.8608,
103.5688

■ 26.7546, 24.8713,
3.3905

■ 61.5889, 65.6598,
104.0353

■ 63.0372, 68.5564,
104.5180

Harmonies

Analogous

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



41.1039, 40.6777, 33.2722



38.6241, 40.6777, 31.8025



36.2560, 40.6777, 33.3642

Triad

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



38.6241, 40.6777, 31.8025



34.6310, 40.6777, 51.7122



43.0379, 40.6777, 51.4988

Complementary

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



38.6241, 40.6777, 31.8025



31.4925, 32.6591, 48.9003

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.



41.1741, 40.6777, 57.3759



38.6241, 40.6777, 31.8025



36.3205, 40.6777, 57.5082

Square

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



38.6241, 40.6777, 31.8025



34.0129, 40.6777, 44.4024



38.7018, 40.6777, 59.6837



43.7185, 40.6777, 44.1799

Rectangle

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



38.6241, 40.6777, 31.8025



35.0420, 40.6777, 36.0235



38.7018, 40.6777, 59.6837



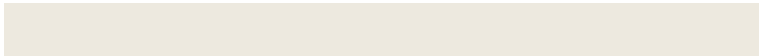
42.5251, 40.6777, 53.7358

Sweetspot

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



38.6252, 40.6795, 31.8034



77.3585, 81.5033, 81.4107



35.0602, 31.9689, 35.4880



17.0123, 17.9257, 17.7356



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.



38.6252, 40.6795, 31.8034



67.8804, 71.3830, 51.0113



39.3319, 44.5361, 32.5105



9.5108, 10.0245, 9.5406



18.9546, 17.6856, 2.4147



0.7203, 0.7277, 0.1025

Inverse Universe

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



31.4925, 32.6591, 48.9003



52.4913, 54.0815, 87.9079



30.8718, 29.5212, 48.3274



8.7404, 9.1581, 11.3865



7.0134, 4.4865, 31.7494



0.3039, 0.2714, 1.1381

Previews

White Background



This preview shows how the XYZ color 38.6241, 40.6777, 31.8025 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 38.6241, 40.6777, 31.8025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

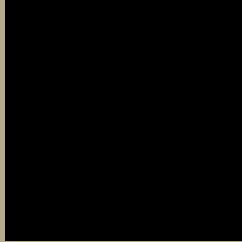
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6241, 40.6777, 31.8025

Background



This preview shows how black text looks on a background with the XYZ color 38.6241, 40.6777, 31.8025.



This preview shows how white text looks on a background with the XYZ color 38.6241, 40.6777,

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

38.6241, 40.6777, 31.8025

Protanopia

38.3432, 40.8123, 31.8433

Deuteranopia

41.3355, 40.4349, 32.0116



Tritanopia

41.7407, 40.5637, 47.7491

Trichromacy



Original Color

38.6241, 40.6777, 31.8025

Protanomaly

38.5769, 40.9327, 31.8542

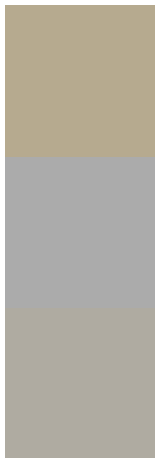
Deuteranomaly

40.4085, 40.4925, 32.0716

Tritanomaly

40.6178, 40.6683, 41.3063

Monochromacy



Original Color

38.6241, 40.6777, 31.8025

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6751, 40.8130, 39.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6241, 40.6777, 31.8025 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, 170, 143)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 143)  
}
```

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, 170, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 143) }
```

Border

The CSS property to change the border of an element to XYZ 38.6241, 40.6777, 31.8025 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, 170, 143) }
```


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

```
.border{ border-color:rgb(182, 170, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 143);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6241, 40.6777, 31.8025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 143) }
```

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

```
.background{ background-color: rgb(182,  
170, 143) }
```

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