

Converting Colors

XYZ(35.7953, 38.6840, 18.4121)

Have a look what the booklet for
XYZ(35.7953, 38.6840, 18.4121)
contains.

XYZ(35.7953, 38.6840, 18.4121)	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(35.7953, 38.6840,
18.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A767
RGB	183, 167, 103
RGB Percent	72%, 65%, 40%
CMY	0.2824, 0.3451, 0.5961
CMYK	0.00, 0.09, 0.44, 0.28
HSL	48°, 36%, 56%
HSV	48°, 44%, 72%
XYZ	35.7953, 38.6840, 18.4121
YIQ	164.4880, 30.0800, -16.5120

Conversions

Conversions Part 2

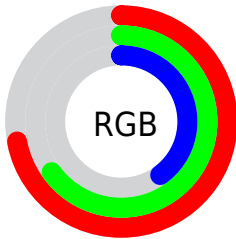
Format	Color
RYB	123, 183, 103
Decimal	12035943
CIELab	68.52, -3.24, 35.13
CIELCh	69, 35.279, 95.272
Yxy	38.6840, 0.3853, 0.4164
Android (android.graphics.Color)	4290226023 (0xFFB7A767)
YUV	164.4880, -30.3136, 16.2350
Hunter-Lab	62.1965, -6.1135, 25.9858

Details

The XYZ color **35.7953, 38.6840, 18.4121** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.7373, 19.4954, 47.4695**, and the grayscale version is **35.6502, 37.5068, 40.8449**.

A 20% lighter version of the original color is **67.9729, 73.1344, 41.5441**, and **15.6987, 17.1170, 5.9665** is the 20% darker color. If you saturate the color by 10%, you get **34.3149, 37.0358, 13.8724**, and if you desaturate by 10%, it is **37.4976, 40.4541, 24.0184**.

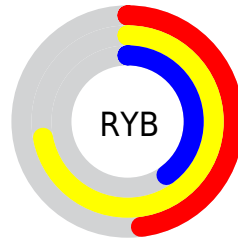
Distribution



Red (72%)

Green (65%)

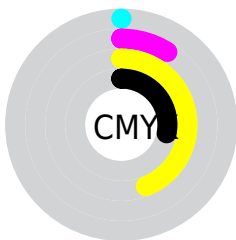
Blue (40%)



Red (48%)

Yellow (72%)

Blue (40%)

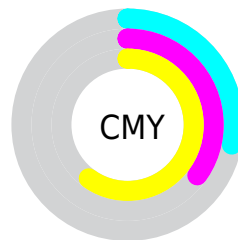


Cyan (0%)

Magenta (9%)

Yellow (44%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7953, 38.6840, 18.4121 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 35.7953, 38.6840, 18.4121 by changing the saturation by 10% instead.

■ 35.7953, 38.6840,
18.4121

■ 35.7953, 38.6840,
18.4121

319.5118,
340.5451, 255.4974

■ 24.4455, 26.5140,
11.0738

■ 68.0419, 73.1553,
41.5617

■ 15.7910, 17.2086,
6.0017

■ 89.6695, 96.2254,
58.2100

■ 9.4663, 10.3833,
2.7773

■ 115.4537,
123.6977, 78.7987

■ 5.1061, 5.6538,
0.9821

■ 145.7599,
155.9565, 103.7464

■ 2.3450, 2.6357,
0.0000

180.9535,
193.3863, 133.4715

■ 0.8176, 0.9447,
0.0000

221.3997,

■ 0.0000, 0.0000,

236.3713, 168.3927

0.0000

267.4641,
285.2962, 208.9285

■ 35.7953, 38.6840,
18.4121

■ 35.7953, 38.6840,
18.4121

■ 34.3149, 37.0358,
13.8724

■ 37.4976, 40.4541,
24.0184

■ 33.0403, 35.4986,
10.3271

■ 39.4311, 42.3459,
30.7526

■ 31.9572, 34.0679,
7.6988

■ 41.6082, 44.3659,
38.6739

■ 31.0485, 32.7366,
5.8974

■ 44.0392, 46.5186,
47.8369

■ 30.2934, 31.4960,
4.8148

■ 46.7341, 48.8082,
58.2926

■ 29.8707, 30.7519,
4.3614

■ 49.7020, 51.2385,
70.0893

■ 52.9519, 53.8133,
83.2727

■ 56.4922, 56.5363,
97.8864

■ 58.2175, 58.5656,
102.8436

Harmonies

Analogous

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



41.4196, 38.6840, 19.9967



35.7953, 38.6840, 18.4121



30.9384, 38.6840, 21.7564

Triad

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



35.7953, 38.6840, 18.4121



28.7187, 38.6840, 62.3696



47.3483, 38.6840, 56.2566

Complementary

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



35.7953, 38.6840, 18.4121



20.7373, 19.4954, 47.4695

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.



43.2873, 38.6840, 72.3567



35.7953, 38.6840, 18.4121



32.4783, 38.6840, 76.4635

Square

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



35.7953, 38.6840, 18.4121



27.1244, 38.6840, 44.9939



37.7581, 38.6840, 80.5149



48.4628, 38.6840, 39.3717

Rectangle

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



35.7953, 38.6840, 18.4121



28.6695, 38.6840, 26.9862



37.7581, 38.6840, 80.5149



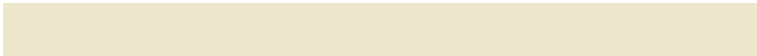
46.2638, 38.6840, 62.0614

Sweetspot

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



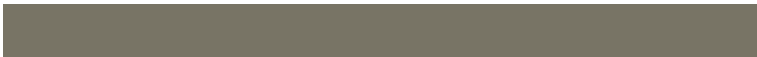
35.7962, 38.6858, 18.4129



74.7267, 79.6462, 70.0316



27.7086, 21.1000, 20.0655



16.3052, 17.4100, 14.7294



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.



35.7962, 38.6858, 18.4129



61.6700, 66.5757, 25.4695



33.6798, 42.2171, 19.2061



9.5936, 10.1901, 9.5681



20.8875, 21.5513, 3.0589



0.7757, 0.8384, 0.1210

Inverse Universe

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



20.7373, 19.4954, 47.4695



31.3843, 28.0067, 83.9874



22.1502, 17.6319, 47.0354



8.6627, 9.0026, 11.3605



6.4553, 3.3703, 31.5634



0.2711, 0.2058, 1.1272

Previews

White Background



This preview shows how the XYZ color 35.7953, 38.6840, 18.4121 looks on a white background.

Color Contrast Check

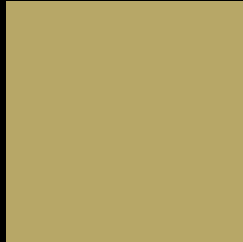
Large Text (above 18pt) WCAG AA × Fail

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 35.7953, 38.6840, 18.4121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

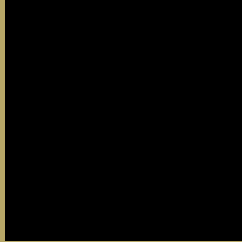
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7953, 38.6840, 18.4121

Background



This preview shows how black text looks on a background with the XYZ color 35.7953, 38.6840, 18.4121.



This preview shows how white text looks on a background with the XYZ color 35.7953, 38.6840,

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

35.7953, 38.6840, 18.4121

Protanopia

35.5583, 38.5618, 18.4010

Deuteranopia

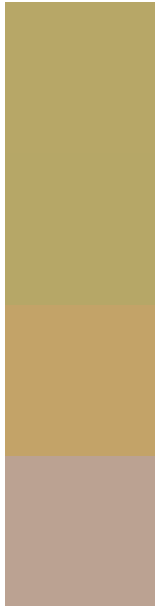
39.4777, 38.7181, 18.7572



Tritanopia

40.9840, 38.6837, 43.8347

Trichromacy



Original Color

35.7953, 38.6840, 18.4121

Protanomaly

35.5583, 38.5618, 18.4010

Deuteranomaly

38.1016, 38.7960, 18.5769

Tritanomaly

38.6022, 38.4808, 32.5871

Monochromacy



Original Color

35.7953, 38.6840, 18.4121

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1322, 37.5212, 30.9818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7953, 38.6840, 18.4121 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(183, 167, 103)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 103)  
}
```

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(183, 167, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 103) }
```

Border

The CSS property to change the border of an element to XYZ 35.7953, 38.6840, 18.4121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

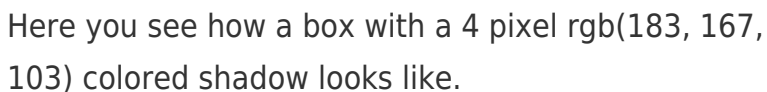
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 167, 103) }
```


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

```
.border{ border-color:rgb(183, 167, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 167, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 167, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 167, 103); box-shadow:4px 4px 4px 4px rgb(183, 167, 103) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7953, 38.6840, 18.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 103) }
```

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

```
.background{ background-color: rgb(183,  
167, 103) }
```

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