

Converting Colors

XYZ(38.0795, 42.2794, 41.3785)

Have a look what the booklet for
XYZ(38.0795, 42.2794, 41.3785)
contains.

XYZ(37.9400, 42.1239, 41.2530)	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(37.9400, 42.1239,
41.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B1A4
RGB	165, 177, 164
RGB Percent	65%, 69%, 64%
CMY	0.3529, 0.3059, 0.3569
CMYK	0.07, 0.00, 0.07, 0.31
HSL	115°, 8%, 67%
HSV	115°, 7%, 69%
XYZ	37.9400, 42.1239, 41.2530
YIQ	171.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

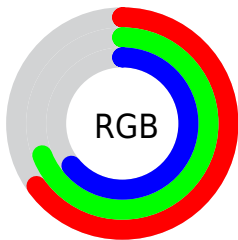
Format	Color
RYB	164, 177, 176
Decimal	10858916
CIELab	70.96, -6.66, 5.20
CIELCh	71, 8.455, 142.006
Yxy	42.1239, 0.3127, 0.3472
Android (android.graphics.Color)	4289048996 (0xFFA5B1A4)
YUV	171.9300, -3.9095, -6.0776
Hunter-Lab	64.9029, -9.2352, 7.7467

Details

The XYZ color **37.9400, 42.1239, 41.2530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1174, 38.9565, 47.0547**, and the grayscale version is **39.1984, 41.2398, 44.9102**.

A 20% lighter version of the original color is **71.4403, 78.6079, 78.4254**, and **16.9423, 19.0959, 18.1221** is the 20% darker color. If you saturate the color by 10%, you get **33.2675, 39.8884, 33.2628**, and if you desaturate by 10%, it is **43.2716, 44.6759, 50.4372**.

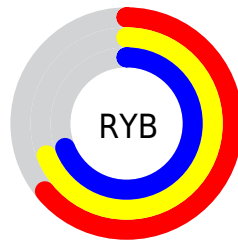
Distribution



Red (65%)

Green (69%)

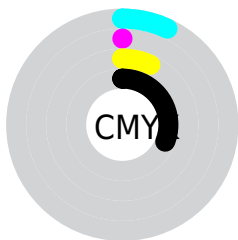
Blue (64%)



Red (64%)

Yellow (69%)

Blue (69%)

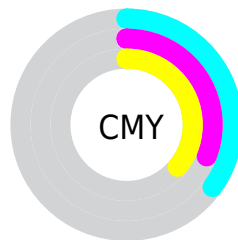


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9400, 42.1239, 41.2530 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 37.9400, 42.1239, 41.2530 by changing the saturation by 10% instead.

■ 37.9400, 42.1239,
41.2530

■ 37.9400, 42.1239,
41.2530

328.6478,
354.9963, 367.0848

■ 26.1131, 29.1983,
28.1956

■ 71.3207, 78.3871,
78.3256

■ 17.0414, 19.2309,
18.2329

■ 93.6051, 102.4935,
103.1780

■ 10.3595, 11.8372,
10.9461

120.1062,
131.0957, 132.7991

■ 5.7021, 6.6329,
5.9169

151.1892,
164.5780, 167.6075

■ 2.7037, 3.2336,
2.7266

187.2196,
203.3248, 208.0218

■ 0.9991, 1.2549,
0.9568

228.5625,

■ 0.0000, 0.1059,

247.7205, 254.4604

0.0000

275.5835,
298.1495, 307.3419

■ 0.0000, 0.0000,
0.0000

■ 37.9400, 42.1239,
41.2530

■ 37.9400, 42.1239,
41.2530

■ 33.2675, 39.8884,
33.2628

■ 43.2716, 44.6759,
50.4372

■ 29.2251, 37.9518,
26.4150

■ 49.2829, 47.5504,
60.8586

■ 25.7869, 36.3032,
20.6582

■ 55.9978, 50.7600,
72.5618

■ 22.9238, 34.9288,
15.9361

■ 63.4382, 54.3150,
85.5883

■ 20.6043, 33.8136,
12.1873

■ 71.6248, 58.2254,
99.9778

■ 18.7939, 32.9414,
9.3440

■ 75.0129, 59.9259,
102.2210

■ 17.4541, 32.2939,
7.3297

■ 16.5408, 31.8503,
6.0553

■ 15.9971, 31.5843,
5.3881

Harmonies

Analogous

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



39.0308, 42.1239, 39.0411



37.9400, 42.1239, 41.2530



37.4139, 42.1239, 44.7951

Triad

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



37.9400, 42.1239, 41.2530



39.6619, 42.1239, 53.9871



42.6024, 42.1239, 43.0192

Complementary

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



37.9400, 42.1239, 41.2530



39.1174, 38.9565, 47.0547

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.



42.7810, 42.1239, 46.9534



37.9400, 42.1239, 41.2530



41.0613, 42.1239, 53.4428

Square

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



37.9400, 42.1239, 41.2530



38.3927, 42.1239, 52.2567



42.2109, 42.1239, 50.8102



41.7286, 42.1239, 40.0184

Rectangle

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



37.9400, 42.1239, 41.2530



37.4454, 42.1239, 47.4989



42.2109, 42.1239, 50.8102



42.7466, 42.1239, 44.2705

Sweetspot

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



37.9412, 42.1257, 41.2539



72.8696, 77.7969, 82.3455



40.3431, 43.0475, 41.3052



15.8150, 16.8709, 17.8853



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.9412, 42.1257, 41.2539



66.3492, 74.6768, 71.1381



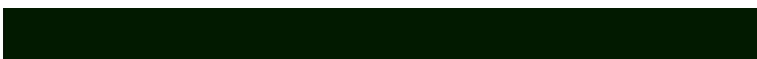
38.2339, 42.2189, 43.8766



8.4475, 9.5203, 9.0449



11.5396, 22.8589, 3.8040



0.3830, 0.7295, 0.1206

Inverse Universe

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



39.1174, 38.9565, 47.0547



68.9422, 67.6896, 83.9270



38.8148, 38.8616, 44.2770



8.7843, 8.6128, 10.7058



16.7744, 7.9833, 30.7938



0.5467, 0.2610, 0.9698

Previews

White Background



This preview shows how the XYZ color 37.9400, 42.1239, 41.2530 looks on a white background.

Color Contrast Check

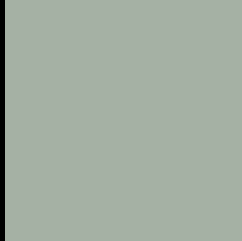
Large Text (above 18pt) WCAG AA × Fail

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 37.9400, 42.1239, 41.2530 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

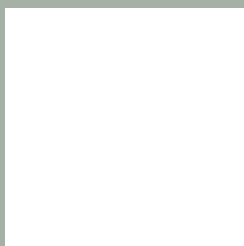
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9400, 42.1239, 41.2530

Background



This preview shows how black text looks on a background with the XYZ color 37.9400, 42.1239, 41.2530.



This preview shows how white text looks on a background with the XYZ color 37.9400, 42.1239,

41.2530.

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

37.9400, 42.1239, 41.2530

Protanopia

40.0556, 42.0795, 40.1934

Deuteranopia

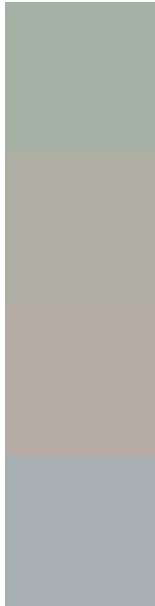
42.8779, 42.0959, 41.9418



Tritanopia

40.4679, 42.2950, 53.0446

Trichromacy



Original Color

37.9400, 42.1239, 41.2530

Protanomaly

39.2025, 41.9151, 40.6746

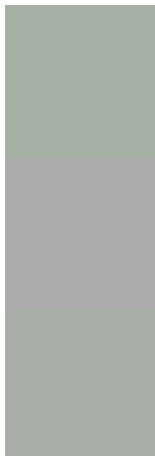
Deuteranomaly

40.8829, 41.9097, 41.5319

Tritanomaly

39.6151, 42.2394, 48.7129

Monochromacy



Original Color

37.9400, 42.1239, 41.2530

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6597, 41.5717, 43.5227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9400, 42.1239, 41.2530 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(165, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 164)  
}
```

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(165, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 164) }
```

Border

The CSS property to change the border of an element to XYZ 37.9400, 42.1239, 41.2530 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(165, 177, 164) }
```


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

```
.border{ border-color:rgb(165, 177, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9400, 42.1239, 41.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 164) }
```

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

```
.background{ background-color: rgb(165,  
177, 164) }
```

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