

Converting Colors

XYZ(41.2190, 42.9338, 41.7119)

Have a look what the booklet for
XYZ(41.2190, 42.9338, 41.7119)
contains.

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Color

**XYZ(41.2190, 42.9338,
41.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AEA5
RGB	182, 174, 165
RGB Percent	71%, 68%, 65%
CMY	0.2863, 0.3176, 0.3529
CMYK	0.00, 0.04, 0.09, 0.29
HSL	32°, 10%, 68%
HSV	32°, 9%, 71%
XYZ	41.2190, 42.9338, 41.7119
YIQ	175.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

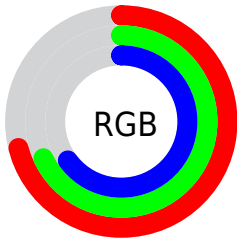
Format	Color
RYB	180, 182, 165
Decimal	11972261
CIELab	71.51, 1.26, 5.62
CIELCh	72, 5.765, 77.332
Yxy	42.9338, 0.3275, 0.3411
Android (android.graphics.Color)	4290162341 (0xFFB6AEA5)
YUV	175.3660, -5.1104, 5.8180
Hunter-Lab	65.5239, -2.3781, 8.1233

Details

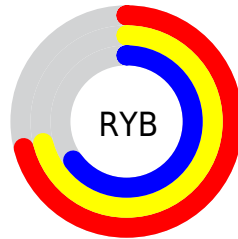
The XYZ color **41.2190, 42.9338, 41.7119** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9041, 41.2632, 50.1706**, and the grayscale version is **40.9611, 43.0942, 46.9296**.

A 20% lighter version of the original color is **76.1975, 79.3831, 79.0166**, and **18.9934, 19.7784, 18.4393** is the 20% darker color. If you saturate the color by 10%, you get **38.0777, 39.1160, 33.0653**, and if you desaturate by 10%, it is **44.7039, 47.0605, 51.6372**.

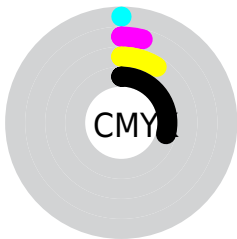
Distribution



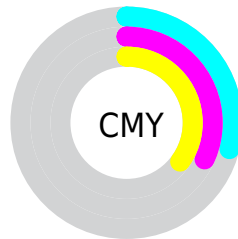
- Red (71%)
- Green (68%)
- Blue (65%)



- Red (71%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2190, 42.9338, 41.7119 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 41.2190, 42.9338, 41.7119 by changing the saturation by 10% instead.

■ 41.2190, 42.9338,
41.7119

■ 41.2190, 42.9338,
41.7119

342.2821,
358.3395, 369.0516

■ 28.6787, 29.8332,
28.5519

■ 76.2888, 79.6110,
79.0288

■ 18.9809, 19.7120,
18.4994

■ 99.5491, 103.9563,
104.0227

■ 11.7604, 12.1859,
11.1360

127.1133,
132.8186, 133.7984

■ 6.6518, 6.8704,
6.0431

159.3469,
166.5824, 168.7744

■ 3.2897, 3.3812,
2.8021

196.6152,
205.6319, 209.3691

■ 1.3087, 1.3338,
0.9945

239.2836,

■ 0.1898, 0.1672,

250.3517, 256.0012

0.0000

287.7174,
301.1261, 309.0892

■ 0.0000, 0.0000,
0.0000

■ 41.2190, 42.9338,
41.7119

■ 41.2190, 42.9338,
41.7119

■ 38.0777, 39.1160,
33.0653

■ 44.7039, 47.0605,
51.6372

■ 35.2646, 35.5937,
25.6418

■ 48.5400, 51.4981,
62.8881

■ 32.7683, 32.3604,
19.3857

■ 52.7392, 56.2556,
75.5126

■ 30.5752, 29.4075,
14.2361

■ 57.3118, 61.3399,
89.5554

■ 28.6707, 26.7256,
10.1262

■ 62.1056, 66.6931,
104.2075

■ 27.0386, 24.3049,
6.9821

■ 64.3674, 71.2167,
104.9614

■ 25.6610, 22.1344,
4.7200

■ 66.7452, 75.9724,
105.7540

■ 24.5168, 20.2020,
3.2414

■ 69.2409, 80.9638,
106.5859

■ 23.5686, 18.4887,
2.3610

■ 71.8559, 86.1938,
107.4576

Harmonies

Analogous

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



42.0886, 42.9338, 42.9171



41.2190, 42.9338, 41.7119



40.2524, 42.9338, 41.8166

Triad

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



41.2190, 42.9338, 41.7119



39.0471, 42.9338, 48.3622



42.1986, 42.9338, 50.4743

Complementary

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



41.2190, 42.9338, 41.7119



38.9041, 41.2632, 50.1706

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.



41.3672, 42.9338, 52.0518



41.2190, 42.9338, 41.7119



39.5523, 42.9338, 50.7995

Square

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



41.2190, 42.9338, 41.7119



39.0088, 42.9338, 45.5823



40.3983, 42.9338, 52.1731



42.6602, 42.9338, 47.9327

Rectangle

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



41.2190, 42.9338, 41.7119



39.6831, 42.9338, 42.6149



40.3983, 42.9338, 52.1731



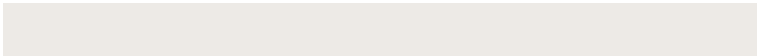
41.9525, 42.9338, 51.1392

Sweetspot

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



41.2202, 42.9357, 41.7128



78.6300, 82.4793, 86.6649



40.3109, 39.8815, 45.2190



17.2535, 18.0831, 18.8176



88.6918, 93.3107, 101.6153



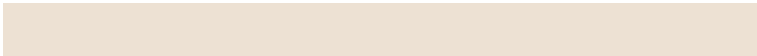
17.8044, 18.7317, 20.3988

Same Dimension

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



41.2202, 42.9357, 41.7128



73.6335, 76.5218, 72.5590



42.7446, 46.0837, 42.2401



9.3877, 9.7784, 9.4995



16.6695, 13.1153, 1.6529



0.6490, 0.5852, 0.0787

Inverse Universe

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



38.9041, 41.2632, 50.1706



68.6673, 72.9357, 90.6946



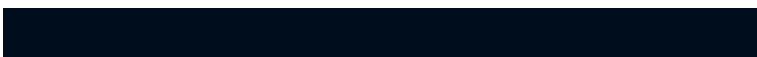
37.4753, 38.3181, 49.6774



8.8601, 9.3974, 11.4263



8.3564, 7.1724, 32.1971



0.3566, 0.3769, 1.1557

Previews

White Background



This preview shows how the XYZ color 41.2190, 42.9338, 41.7119 looks on a white background.

Color Contrast Check

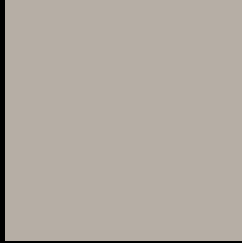
Large Text (above 18pt) WCAG AA × Fail

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 41.2190, 42.9338, 41.7119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

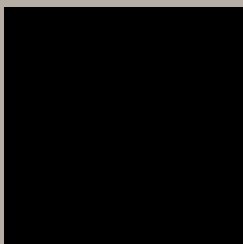
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

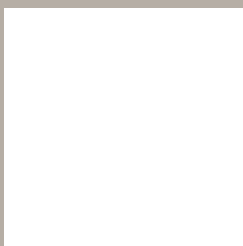
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2190, 42.9338, 41.7119

Background



This preview shows how black text looks on a background with the XYZ color 41.2190, 42.9338, 41.7119.

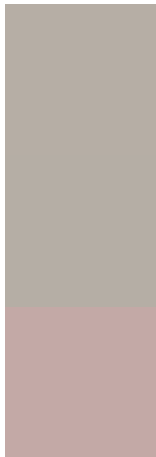


This preview shows how white text looks on a background with the XYZ color 41.2190, 42.9338,

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

41.2190, 42.9338, 41.7119

Protanopia

40.9836, 42.8125, 41.7009

Deuteranopia

43.5766, 42.7312, 42.0276



Tritanopia

43.3274, 42.9429, 51.9041

Trichromacy



Original Color

41.2190, 42.9338, 41.7119

Protanomaly

40.9836, 42.8125, 41.7009

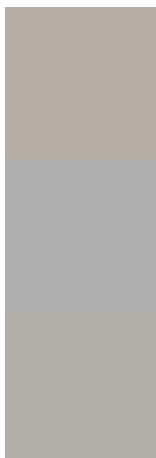
Deuteranomaly

42.6810, 42.8261, 42.0931

Tritanomaly

42.5556, 42.9097, 48.1590

Monochromacy



Original Color

41.2190, 42.9338, 41.7119

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0408, 43.0652, 44.6774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2190, 42.9338, 41.7119 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, 174, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 165)  
}
```

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, 174, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.2190, 42.9338, 41.7119 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, 174, 165) }
```


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

```
.border{ border-color:rgb(182, 174, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 165);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2190, 42.9338, 41.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 165) }
```

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

```
.background{ background-color: rgb(182,  
174, 165) }
```

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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