

Converting Colors

XYZ(41.0330, 42.9936, 40.3193)

Have a look what the booklet for
XYZ(41.0330, 42.9936, 40.3193)
contains.

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Color

**XYZ(40.9490, 42.8258,
40.2904)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AEA2
RGB	182, 174, 162
RGB Percent	71%, 68%, 64%
CMY	0.2863, 0.3176, 0.3647
CMYK	0.00, 0.04, 0.11, 0.29
HSL	36°, 12%, 67%
HSV	36°, 11%, 71%
XYZ	40.9490, 42.8258, 40.2904
YIQ	175.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

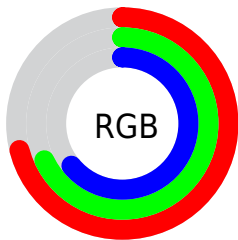
Format	Color
RYB	175, 182, 162
Decimal	11972258
CIELab	71.44, 0.75, 7.17
CIELCh	71, 7.207, 84.005
Yxy	42.8258, 0.3301, 0.3452
Android (android.graphics.Color)	4290162338 (0xFFB6AEA2)
YUV	175.0240, -6.4208, 6.1180
Hunter-Lab	65.4414, -2.8288, 9.3059

Details

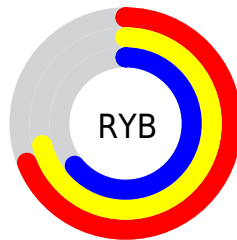
The XYZ color **40.9490, 42.8258, 40.2904** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7184, 39.8074, 49.9519**, and the grayscale version is **40.7900, 42.9142, 46.7336**.

A 20% lighter version of the original color is **75.8036, 79.2255, 76.9424**, and **18.8273, 19.7120, 17.5643** is the 20% darker color. If you saturate the color by 10%, you get **38.0793, 39.4905, 31.9214**, and if you desaturate by 10%, it is **44.1314, 46.4109, 49.9199**.

Distribution



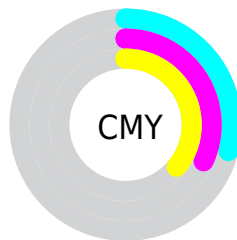
- Red (71%)
- Green (68%)
- Blue (64%)



- Red (69%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (29%)





- Cyan (29%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9490, 42.8258, 40.2904 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 40.9490, 42.8258, 40.2904 by changing the saturation by 10% instead.


 40.9490, 42.8258,
40.2904


 40.9490, 42.8258,
40.2904


341.1736,
357.8949, 362.9345

 28.4667, 29.7485,
27.4495


 75.8817, 79.4479,
76.8474

 18.8200, 19.6477,
17.6757


 99.0628, 103.7615,
101.4007

 11.6435, 12.1392,
10.5504

126.5409,
132.5893, 130.6952

 6.5719, 6.8386,
5.6550

158.6813,
166.3156, 165.1494

 3.2398, 3.3614,
2.5711

195.8495,
205.3250, 205.1819

 1.2818, 1.3232,
0.8775

238.4107,

 0.1695, 0.1590,

250.0017, 251.2112

0.0000

286.7303,
300.7302, 303.6559

0.0000, 0.0000,
0.0000

40.9490, 42.8258,
40.2904

40.9490, 42.8258,
40.2904

38.0793, 39.4905,
31.9214

44.1314, 46.4109,
49.9199

35.5076, 36.3929,
24.7571

47.6336, 50.2462,
60.8571

33.2231, 33.5282,
18.7414

51.4668, 54.3395,
73.1502

31.2129, 30.8893,
13.8127

55.6406, 58.6964,
86.8440

29.4631, 28.4684,
9.9035

60.1640, 63.3222,
101.9813

■ 27.9581, 26.2573,
6.9388

■ 62.3261, 67.1344,
104.2810

■ 26.6803, 24.2468,
4.8331

■ 64.2510, 70.9841,
104.9226

■ 25.6094, 22.4263,
3.4850

■ 66.2597, 75.0014,
105.5922

■ 24.7851, 20.9323,
2.7340

■ 68.3532, 79.1885,
106.2901

Harmonies

Analogous

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



42.0925, 42.8258, 41.4260



40.9490, 42.8258, 40.2904



39.7621, 42.8258, 40.7839

Triad

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



40.9490, 42.8258, 40.2904



38.6086, 42.8258, 49.4038



42.6232, 42.8258, 50.6717

Complementary

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



40.9490, 42.8258, 40.2904



37.7184, 39.8074, 49.9519

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.



41.6620, 42.8258, 53.0097



40.9490, 42.8258, 40.2904



39.3477, 42.8258, 52.2525

Square

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



40.9490, 42.8258, 40.2904



38.4263, 42.8258, 45.9351



40.4613, 42.8258, 53.6020



43.0714, 42.8258, 47.3319

Rectangle

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



40.9490, 42.8258, 40.2904



39.1039, 42.8258, 41.9834



40.4613, 42.8258, 53.6020



42.3485, 42.8258, 51.6074

Sweetspot

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



40.9502, 42.8277, 40.2913



78.7729, 82.7653, 86.7126



39.4679, 38.6886, 43.4182



17.2933, 18.1626, 18.8308



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.



40.9502, 42.8277, 40.2913



73.0323, 76.2574, 69.4668



42.0723, 45.7682, 40.7998



9.4408, 9.8845, 9.5172



17.5692, 14.9148, 1.9528



0.6782, 0.6434, 0.0884

Inverse Universe

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



37.7184, 39.8074, 49.9519



66.0901, 69.7698, 90.2193



36.6742, 37.1112, 49.4865



8.8079, 9.2930, 11.4089



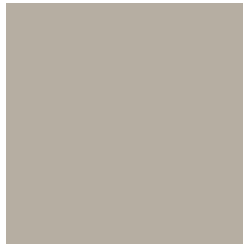
7.6958, 5.8512, 31.9769



0.3324, 0.3284, 1.1476

Previews

White Background



This preview shows how the XYZ color 40.9490, 42.8258, 40.2904 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 40.9490, 42.8258, 40.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

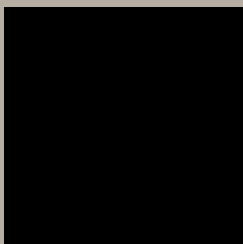
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

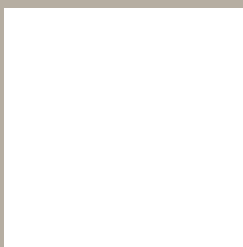
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9490, 42.8258, 40.2904

Background



This preview shows how black text looks on a background with the XYZ color 40.9490, 42.8258, 40.2904.

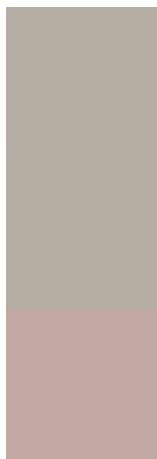


This preview shows how white text looks on a background with the XYZ color 40.9490, 42.8258,

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

40.9490, 42.8258, 40.2904

Protanopia

40.7137, 42.7045, 40.2794

Deuteranopia

43.5638, 42.7560, 40.6070



Tritanopia

43.2222, 42.9008, 51.3500

Trichromacy



Original Color

40.9490, 42.8258, 40.2904

Protanomaly

40.7137, 42.7045, 40.2794

Deuteranomaly

42.6596, 42.8465, 40.6721

Tritanomaly

42.3562, 42.8300, 47.1089

Monochromacy



Original Color

40.9490, 42.8258, 40.2904

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9458, 43.0272, 44.1772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9490, 42.8258, 40.2904 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 162) }
```

Border

The CSS property to change the border of an element to XYZ 40.9490, 42.8258, 40.2904 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, 162) }
```


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

```
.border{ border-color:rgb(182, 174, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9490, 42.8258, 40.2904 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, 162) }
```

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

```
.background{ background-color: rgb(182,  
174, 162) }
```

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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