

Converting Colors

XYZ(40.3461, 42.0390, 50.5027)

Have a look what the booklet for
XYZ(40.3461, 42.0390, 50.5027)
contains.

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Color

**XYZ(40.1817, 41.9225,
50.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	ABADB6
RGB	171, 173, 182
RGB Percent	67%, 68%, 71%
CMY	0.3294, 0.3216, 0.2863
CMYK	0.06, 0.05, 0.00, 0.29
HSL	229°, 7%, 69%
HSV	229°, 6%, 71%
XYZ	40.1817, 41.9225, 50.2300
YIQ	173.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

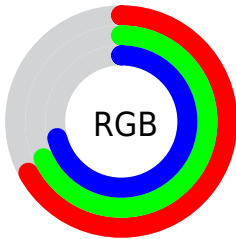
Format	Color
RYB	171, 173, 182
Decimal	11251126
CIELab	70.82, 1.05, -4.85
CIElCh	71, 4.963, 282.187
Yxy	41.9225, 0.3036, 0.3168
Android (android.graphics.Color)	4289441206 (0xFFABADB6)
YUV	173.4280, 4.2260, -2.1294
Hunter-Lab	64.7476, -2.5330, -0.6728

Details

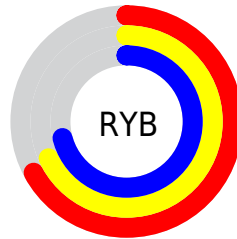
The XYZ color **40.1817, 41.9225, 50.2300** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9635, 45.5275, 45.0522**, and the grayscale version is **39.9206, 41.9996, 45.7376**.

A 20% lighter version of the original color is **74.5400, 77.8286, 91.9827**, and **18.4076, 19.1817, 23.5011** is the 20% darker color. If you saturate the color by 10%, you get **33.7899, 34.6243, 49.1588**, and if you desaturate by 10%, it is **47.4399, 50.1419, 51.4346**.

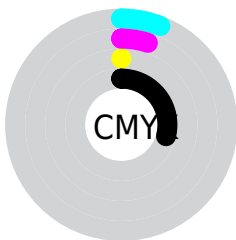
Distribution



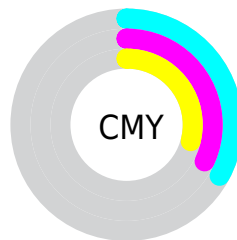
- Red (67%)
- Green (68%)
- Blue (71%)



- Red (67%)
- Yellow (68%)
- Blue (71%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1817, 41.9225, 50.2300 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 40.1817, 41.9225, 50.2300 by changing the saturation by 10% instead.

■ 40.1817, 41.9225,
50.2300

■ 40.1817, 41.9225,
50.2300

338.0101,
354.1616, 404.3255

■ 27.8651, 29.0406,
35.2237

■ 74.7227, 78.0823,
91.9154

■ 18.3639, 19.1115,
23.5503

97.6778, 102.1290,
119.4315

■ 11.3128, 11.7509,
14.7913

124.9098,
130.6662, 151.9548

■ 6.3465, 6.5743,
8.5280

156.7840,
164.0781, 189.9036

■ 3.0996, 3.1973,
4.3421

193.6657,
202.7492, 233.6965

■ 1.2066, 1.2356,
1.8148

235.9205,

■ 0.1116, 0.0905,

247.0639, 283.7521

0.4377

283.9135,
297.4065, 340.4889

■ 0.0000, 0.0000,
0.0000

■ 40.1817, 41.9225,
50.2300

■ 40.1817, 41.9225,
50.2300

■ 33.7899, 34.6243,
49.1588

■ 47.4399, 50.1419,
51.4346

■ 28.2284, 28.2096,
48.2138

■ 55.5916, 59.3077,
52.7741

■ 23.4637, 22.6463,
47.3911

■ 64.6674, 69.4508,
54.2536

■ 19.4586, 17.8979,
46.6857

■ 74.6951, 80.5990,
55.8769

■ 16.1732, 13.9255,
46.0921

■ 83.0784, 91.4270,
57.5251

■ 13.5636, 10.6868,
45.6045

■ 85.4436, 96.1574,
58.3135

■ 11.5809, 8.1355,
45.2165

■ 10.1695, 6.2193,
44.9210

■ 9.2601, 4.8765,
44.7098

Harmonies

Analogous

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



39.3631, 41.9225, 50.1072



40.1817, 41.9225, 50.2300



40.9203, 41.9225, 49.0941

Triad

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



40.1817, 41.9225, 50.2300



41.0324, 41.9225, 42.6647



38.3557, 41.9225, 44.2715

Complementary

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



40.1817, 41.9225, 50.2300



42.9635, 45.5275, 45.0522

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.



38.7909, 41.9225, 42.3642



40.1817, 41.9225, 50.2300



40.3330, 41.9225, 41.4587

Square

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



40.1817, 41.9225, 50.2300



41.4159, 41.9225, 44.6947



39.5123, 41.9225, 41.3506



38.3164, 41.9225, 46.6117

Rectangle

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



40.1817, 41.9225, 50.2300



41.2648, 41.9225, 47.7979



39.5123, 41.9225, 41.3506



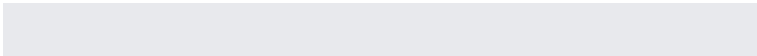
38.4602, 41.9225, 43.5606

Sweetspot

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



40.1829, 41.9243, 50.2309



77.9345, 81.7783, 91.9129



41.7598, 45.4091, 49.7356



17.2436, 18.0966, 20.3058



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.



40.1829, 41.9243, 50.2309



71.5305, 74.5061, 90.8468



40.5706, 41.5583, 50.1399



8.9314, 9.2977, 11.4033



6.3856, 3.2308, 31.5401



0.2656, 0.1949, 1.1254

Inverse Universe

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



41.3981, 42.0889, 45.4793



74.1093, 74.8643, 80.7611



42.5582, 45.9231, 45.1499



9.2709, 9.3452, 10.0756



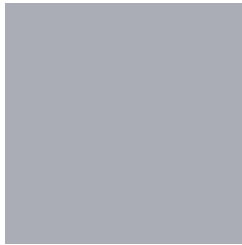
13.8368, 7.1085, 1.7615



0.5082, 0.2588, 0.1698

Previews

White Background



This preview shows how the XYZ color 40.1817, 41.9225, 50.2300 looks on a white background.

Color Contrast Check

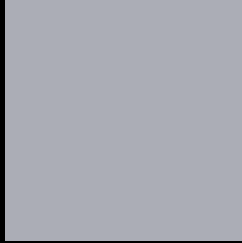
Large Text (above 18pt) WCAG AA × Fail

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 40.1817, 41.9225, 50.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

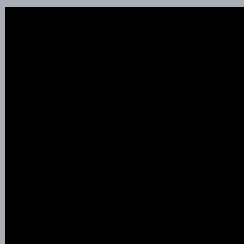
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

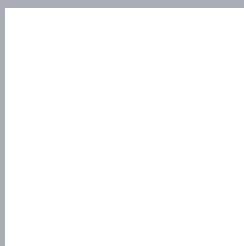
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1817, 41.9225, 50.2300

Background



This preview shows how black text looks on a background with the XYZ color 40.1817, 41.9225, 50.2300.



This preview shows how white text looks on a background with the XYZ color 40.1817, 41.9225,

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

40.1817, 41.9225, 50.2300

Protanopia

40.6516, 41.8811, 50.1973

Deuteranopia

42.7996, 41.8633, 50.6244



Tritanopia

40.6287, 41.8209, 52.3852

Trichromacy



Original Color

40.1817, 41.9225, 50.2300

Protanomaly

40.4296, 41.7667, 50.1869

Deuteranomaly

41.9780, 41.9921, 50.6926

Tritanomaly

40.5227, 41.7785, 51.8272

Monochromacy



Original Color

40.1817, 41.9225, 50.2300

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.7933, 41.7924, 47.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1817, 41.9225, 50.2300 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(171, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 182)  
}
```

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(171, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 182) }
```

Border

The CSS property to change the border of an element to XYZ 40.1817, 41.9225, 50.2300 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(171, 173, 182) }
```


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

```
.border{ border-color:rgb(171, 173, 182) }
```

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

Here you see how a box with a 4 pixel rgb(171, 173, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1817, 41.9225, 50.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 182) }
```

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

```
.background{ background-color: rgb(171,  
173, 182) }
```

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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