

Converting Colors

XYZ(41.5022, 41.2064, 50.0222)

Have a look what the booklet for
XYZ(41.5022, 41.2064, 50.0222)
contains.

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Color

**XYZ(41.5022, 41.2064,
50.0222)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A8B6
RGB	181, 168, 182
RGB Percent	71%, 66%, 71%
CMY	0.2902, 0.3412, 0.2863
CMYK	0.01, 0.08, 0.00, 0.29
HSL	296°, 9%, 69%
HSV	296°, 8%, 71%
XYZ	41.5022, 41.2064, 50.0222
YIQ	173.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

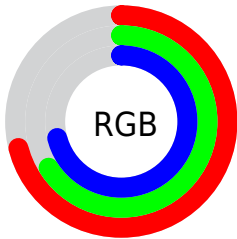
Format	Color
R_{YB}	181, 168, 182
Decimal	11905206
CIE Lab	70.32, 7.26, -5.50
CIE LCh	70, 9.103, 322.868
Yxy	41.2064, 0.3127, 0.3105
Android (android.graphics.Color)	4290095286 (0xFFB5A8B6)
YUV	173.4830, 4.1989, 6.5924
Hunter-Lab	64.1922, 3.0693, -1.2676

Details

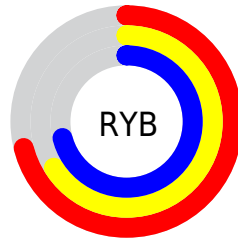
The XYZ color **41.5022, 41.2064, 50.0222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1595, 44.7191, 43.5629**, and the grayscale version is **39.9462, 42.0265, 45.7668**.

A 20% lighter version of the original color is **76.7453, 76.9529, 91.6974**, and **19.1099, 18.6650, 23.3644** is the 20% darker color. If you saturate the color by 10%, you get **38.0717, 34.7952, 48.9661**, and if you desaturate by 10%, it is **45.4083, 48.5632, 51.2370**.

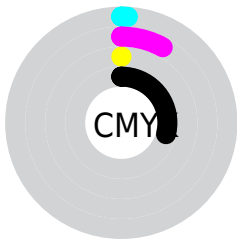
Distribution



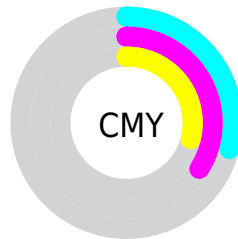
- Red (71%)
- Green (66%)
- Blue (71%)



- Red (71%)
- Yellow (66%)
- Blue (71%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5022, 41.2064, 50.0222 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 41.5022, 41.2064, 50.0222 by changing the saturation by 10% instead.

■ 41.5022, 41.2064,
50.0222

■ 41.5022, 41.2064,
50.0222

343.4420,
351.1825, 403.4903

■ 28.9011, 28.4804,
35.0597

■ 76.7156, 76.9971,
91.6044

■ 19.1499, 18.6881,
23.4250

■ 100.0586,
100.8306, 119.0612

■ 11.8833, 11.4451,
14.6994

127.7129,
129.1354, 151.5199

■ 6.7359, 6.3671,
8.4644

160.0439,
162.2959, 189.3990

■ 3.3423, 3.0695,
4.3015

197.4170,
200.6964, 233.1171

■ 1.3373, 1.1681,
1.7922

240.1974,

■ 0.2109, 0.0355,

244.7215, 283.0926

0.4228

288.7507,
294.7554, 339.7442

■ 0.0000, 0.0000,
0.0000

■ 41.5022, 41.2064,
50.0222

■ 41.5022, 41.2064,
50.0222

■ 38.0717, 34.7952,
48.9661

■ 45.4083, 48.5632,
51.2370

■ 35.0936, 29.2853,
48.0596

■ 49.8045, 56.8969,
52.6138

■ 32.5485, 24.6370,
47.2965

■ 54.7095, 66.2437,
54.1594

■ 30.4138, 20.8056,
46.6695

■ 60.1398, 76.6368,
55.8793

■ 28.6652, 17.7421,
46.1703

■ 64.8200, 85.5256,
57.3483

■ 27.2757, 15.3924,
45.7900

■ 65.1406, 85.6909,
57.3633

■ 26.2145, 13.6955,
45.5184

■ 65.4641, 85.8576,
57.3784

■ 25.4462, 12.5800,
45.3436

■ 65.7905, 86.0259,
57.3937

■ 24.9162, 11.9371,
45.2474

■ 66.1198, 86.1957,
57.4091

Harmonies

Analogous

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



40.2932, 41.2064, 52.8879



41.5022, 41.2064, 50.0222



42.0876, 41.2064, 45.8967

Triad

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



41.5022, 41.2064, 50.0222



39.5234, 41.2064, 37.1836



36.5760, 41.2064, 48.1427

Complementary

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



41.5022, 41.2064, 50.0222



40.1595, 44.7191, 43.5629

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.



36.3818, 41.2064, 43.8523



41.5022, 41.2064, 50.0222



38.0589, 41.2064, 37.7006

Square

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



41.5022, 41.2064, 50.0222



40.9265, 41.2064, 38.6182



36.9181, 41.2064, 40.0783



37.4557, 41.2064, 51.7554

Rectangle

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



41.5022, 41.2064, 50.0222



42.0352, 41.2064, 43.0582



36.9181, 41.2064, 40.0783



36.4293, 41.2064, 46.7253

Sweetspot

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



41.5034, 41.2082, 50.0231



79.1414, 82.0379, 91.8994



38.8127, 40.1422, 49.9592



17.4965, 18.1510, 20.3029



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.



41.5034, 41.2082, 50.0231



74.2822, 72.9047, 90.3926



41.1483, 41.0933, 46.9251



9.3159, 9.1292, 11.3505



17.5412, 8.3540, 31.9410



0.6374, 0.3043, 1.1269

Inverse Universe

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



40.4569, 40.8167, 43.2842



72.0490, 72.0700, 75.9851



40.5015, 44.8313, 46.4794



9.0299, 9.0223, 9.5051



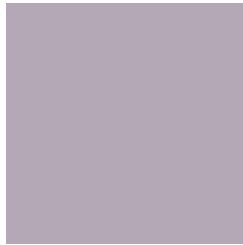
13.6844, 7.0475, 0.9590



0.4912, 0.2520, 0.0803

Previews

White Background



This preview shows how the XYZ color 41.5022, 41.2064, 50.0222 looks on a white background.

Color Contrast Check

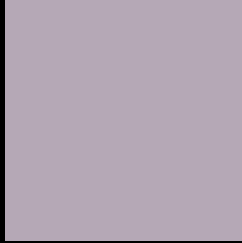
Large Text (above 18pt) WCAG AA × Fail

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 41.5022, 41.2064, 50.0222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

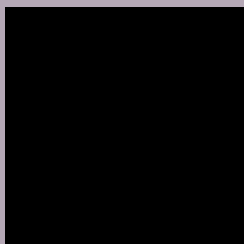
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5022, 41.2064, 50.0222

Background



This preview shows how black text looks on a background with the XYZ color 41.5022, 41.2064, 50.0222.



This preview shows how white text looks on a background with the XYZ color 41.5022, 41.2064,

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

41.5022, 41.2064, 50.0222

Protanopia

40.2279, 41.3572, 51.2099

Deuteranopia

42.0294, 41.2052, 49.9942



Tritanopia

41.3992, 41.1652, 49.4798

Trichromacy



Original Color

41.5022, 41.2064, 50.0222

Protanomaly

40.6012, 41.2823, 50.6281

Deuteranomaly

41.7907, 41.0821, 49.9830

Tritanomaly

41.3992, 41.1652, 49.4798

Monochromacy



Original Color

41.5022, 41.2064, 50.0222

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3039, 41.4905, 46.9585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5022, 41.2064, 50.0222 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(181, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 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(181, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 182) }
```

Border

The CSS property to change the border of an element to XYZ 41.5022, 41.2064, 50.0222 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(181, 168, 182) }
```


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

```
.border{ border-color:rgb(181, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5022, 41.2064, 50.0222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 182) }
```

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

```
.background{ background-color: rgb(181,  
168, 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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