

Converting Colors

XYZ(41.5103, 43.0372, 48.1777)

Have a look what the booklet for
XYZ(41.5103, 43.0372, 48.1777)
contains.

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Color

**XYZ(41.5320, 42.9514,
48.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AEB2
RGB	178, 174, 178
RGB Percent	70%, 68%, 70%
CMY	0.3020, 0.3176, 0.3020
CMYK	0.00, 0.02, 0.00, 0.30
HSL	300°, 3%, 69%
HSV	300°, 2%, 70%
XYZ	41.5320, 42.9514, 48.2210
YIQ	175.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

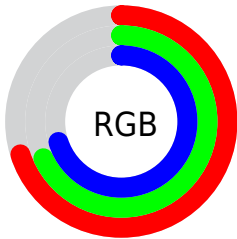
Format	Color
RYB	178, 174, 178
Decimal	11710130
CIELab	71.52, 2.17, -1.55
CIELCh	72, 2.664, 324.473
Yxy	42.9514, 0.3130, 0.3237
Android (android.graphics.Color)	4289900210 (0xFFB2AEB2)
YUV	175.6520, 1.1576, 2.0592
Hunter-Lab	65.5373, -1.5721, 2.2518

Details

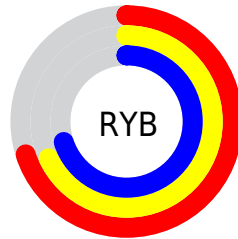
The XYZ color **41.5320, 42.9514, 48.2210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0176, 43.8966, 46.3576**, and the grayscale version is **41.0805, 43.2198, 47.0664**.

A 20% lighter version of the original color is **76.8023, 79.4716, 89.1335**, and **19.1187, 19.7597, 22.2084** is the 20% darker color. If you saturate the color by 10%, you get **38.3189, 36.5249, 47.1505**, and if you desaturate by 10%, it is **45.2033, 50.2930, 49.4452**.

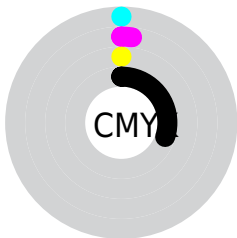
Distribution



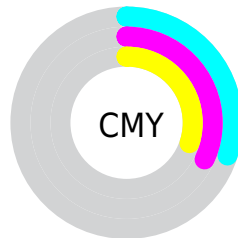
- Red (70%)
- Green (68%)
- Blue (70%)



- Red (70%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5320, 42.9514, 48.2210 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 41.5320, 42.9514, 48.2210 by changing the saturation by 10% instead.

■ 41.5320, 42.9514,
48.2210

■ 41.5320, 42.9514,
48.2210

343.5639,
358.4119, 396.2014

■ 28.9245, 29.8470,
33.6407

■ 76.7605, 79.6375,
88.9023

■ 19.1677, 19.7225,
22.3426

100.1121,
103.9880, 115.8404

■ 11.8963, 12.1935,
13.9081

127.7759,
132.8560, 147.7349

■ 6.7448, 6.8756,
7.9188

160.1172,
166.6258, 185.0043

■ 3.3479, 3.3844,
3.9560

197.5012,
205.6819, 228.0670

■ 1.3403, 1.3356,
1.6012

240.2935,

■ 0.2131, 0.1685,

250.4087, 277.3418

0.2917

288.8593,
301.1906, 333.2471

■ 0.0000, 0.0000,
0.0000

■ 41.5320, 42.9514,
48.2210

■ 41.5320, 42.9514,
48.2210

■ 38.3189, 36.5249,
47.1505

■ 45.2033, 50.2930,
49.4452

■ 35.5424, 30.9724,
46.2251

■ 49.3459, 58.5779,
50.8260

■ 33.1850, 26.2578,
45.4394

■ 53.9769, 67.8396,
52.3696

■ 31.2262, 22.3405,
44.7865

■ 59.1117, 78.1088,
54.0812

■ 29.6440, 19.1765,
44.2592

■ 62.1575, 84.2001,
55.0964

■ 28.4142, 16.7173,
43.8493

■ 62.1578, 84.2002,
55.0964

■ 27.5100, 14.9092,
43.5480

■ 62.1580, 84.2004,
55.0964

■ 26.9004, 13.6903,
43.3449

■ 62.1582, 84.2005,
55.0964

■ 26.5487, 12.9872,
43.2277

■ 62.1585, 84.2006,
55.0964

Harmonies

Analogous

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



41.1834, 42.9514, 49.0578



41.5320, 42.9514, 48.2210



41.6910, 42.9514, 47.0057

Triad

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



41.5320, 42.9514, 48.2210



40.9074, 42.9514, 44.3442



40.0418, 42.9514, 47.8005

Complementary

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



41.5320, 42.9514, 48.2210



41.0176, 43.8966, 46.3576

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.



39.9691, 42.9514, 46.5286



41.5320, 42.9514, 48.2210



40.4667, 42.9514, 44.5482

Square

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



41.5320, 42.9514, 48.2210



41.3287, 42.9514, 44.7796



40.1241, 42.9514, 45.3421



40.3235, 42.9514, 48.8119

Rectangle

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



41.5320, 42.9514, 48.2210



41.6672, 42.9514, 46.1504



40.1241, 42.9514, 45.3421



39.9922, 42.9514, 47.3886

Sweetspot

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



41.5332, 42.9532, 48.2219



76.0891, 79.4364, 87.7036



40.6423, 42.5130, 48.1839



16.8651, 17.6142, 19.4333



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.5332, 42.9532, 48.2219



74.8166, 76.8914, 87.2794



41.3406, 42.8762, 47.2074



9.2598, 9.4663, 10.8455



18.8850, 9.0714, 30.8926



0.5942, 0.2854, 0.9720

Inverse Universe

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



41.1377, 42.7950, 46.1388



73.8468, 76.5036, 82.1723



41.2073, 43.9725, 47.3569



9.1130, 9.4076, 10.0722



13.1369, 6.7723, 0.6150



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 41.5320, 42.9514, 48.2210 looks on a white background.

Color Contrast Check

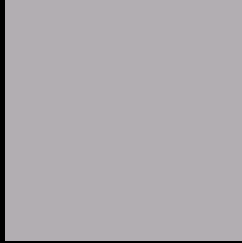
Large Text (above 18pt) WCAG AA × Fail

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 41.5320, 42.9514, 48.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

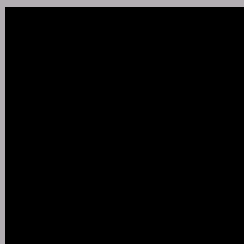
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5320, 42.9514, 48.2210

Background



This preview shows how black text looks on a background with the XYZ color 41.5320, 42.9514, 48.2210.



This preview shows how white text looks on a background with the XYZ color 41.5320, 42.9514,

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

41.5320, 42.9514, 48.2210

Protanopia

41.3034, 42.8336, 48.2103

Deuteranopia

43.7466, 42.9513, 48.6326



Tritanopia

42.3969, 43.0160, 52.5227

Trichromacy



Original Color

41.5320, 42.9514, 48.2210

Protanomaly

41.3034, 42.8336, 48.2103

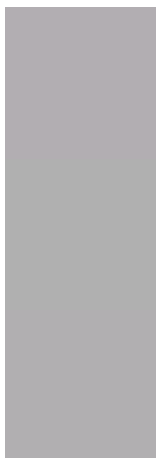
Deuteranomaly

42.9493, 42.8196, 48.6492

Tritanomaly

42.0812, 42.8897, 50.8604

Monochromacy



Original Color

41.5320, 42.9514, 48.2210

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3972, 43.1814, 47.7479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5320, 42.9514, 48.2210 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(178, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 178)  
}
```

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(178, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.5320, 42.9514, 48.2210 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(178, 174, 178) }
```


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

```
.border{ border-color:rgb(178, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5320, 42.9514, 48.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 178) }
```

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

```
.background{ background-color: rgb(178,  
174, 178) }
```

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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