

Converting Colors

XYZ(41.9525, 40.2107, 40.0236)

Have a look what the booklet for
XYZ(41.9525, 40.2107, 40.0236)
contains.

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Color

**XYZ(41.9562, 40.3081,
40.2192)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A3A3
RGB	194, 163, 163
RGB Percent	76%, 64%, 64%
CMY	0.2392, 0.3608, 0.3608
CMYK	0.00, 0.16, 0.16, 0.24
HSL	0°, 20%, 70%
HSV	0°, 16%, 76%
XYZ	41.9562, 40.3081, 40.2192
YIQ	172.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

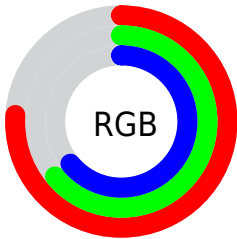
Format	Color
RYB	194, 163, 163
Decimal	12755875
CIELab	69.69, 11.36, 4.24
CIELCh	70, 12.124, 20.460
Yxy	40.3081, 0.3425, 0.3291
Android (android.graphics.Color)	4290945955 (0xFFC2A3A3)
YUV	172.2690, -4.5696, 19.0581
Hunter-Lab	63.4887, 6.8558, 6.8827

Details

The XYZ color **41.9562, 40.3081, 40.2192** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1333, 50.2639, 58.4152**, and the grayscale version is **39.3657, 41.4158, 45.1018**.

A 20% lighter version of the original color is **77.5100, 75.7140, 76.8587**, and **19.3689, 18.0920, 17.5102** is the 20% darker color. If you saturate the color by 10%, you get **37.1658, 33.2986, 30.6944**, and if you desaturate by 10%, it is **47.5438, 48.4845, 51.3263**.

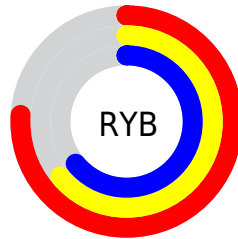
Distribution



Red (76%)

Green (64%)

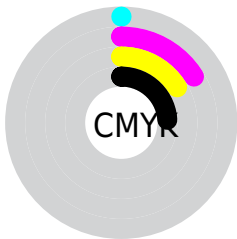
Blue (64%)



Red (76%)

Yellow (64%)

Blue (64%)

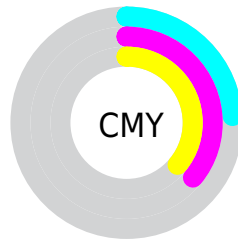


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9562, 40.3081, 40.2192 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 41.9562, 40.3081, 40.2192 by changing the saturation by 10% instead.


 41.9562, 40.3081,
40.2192


 41.9562, 40.3081,
40.2192


345.2961,
347.4205, 362.6261

 29.2580, 27.7788,
27.3944


 77.3989, 75.6324,
76.7379

 19.4213, 18.1590,
17.6346


 100.8741, 99.1963,
101.2689

 12.0809, 11.0642,
10.5213


128.6723,
127.2072, 130.5391

 6.8714, 6.1100,
5.6358

161.1589,
160.0495, 164.9670

 3.4274, 2.9121,
2.5597

198.6992,
198.1076, 204.9710

 1.3836, 1.0860,
0.8716

241.6586,

 0.2445, 0.0000,

241.7658, 250.9699

0.0000

290.4024,
291.4087, 303.3821

■ 0.0000, 0.0000,
0.0000

■ 41.9562, 40.3081,
40.2192

■ 41.9562, 40.3081,
40.2192

■ 37.1658, 33.2986,
30.6944

■ 47.5438, 48.4845,
51.3263

■ 33.1330, 27.3976,
22.6774

■ 53.9591, 57.8717,
64.0802

■ 29.8203, 22.5501,
16.0919

■ 61.2351, 68.5181,
78.5452

■ 27.1852, 18.6941,
10.8536

■ 69.4017, 80.4680,
94.7812

■ 25.1809, 15.7611,
6.8694

■ 76.0583, 90.2094,
108.0112

■ 23.7547, 13.6741,
4.0346

■ 22.8455, 12.3435,
2.2276

■ 22.3760, 11.6563,
1.2946

■ 22.2486, 11.4699,
1.0413

Harmonies

Analogous

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



42.1539, 40.3081, 45.7040



41.9562, 40.3081, 40.2192



40.7640, 40.3081, 36.0725

Triad

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



41.9562, 40.3081, 40.2192



35.4752, 40.3081, 37.3632



37.6897, 40.3081, 55.4296

Complementary

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



41.9562, 40.3081, 40.2192



44.1333, 50.2639, 58.4152

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.



35.9597, 40.3081, 52.7595



41.9562, 40.3081, 40.2192



34.7102, 40.3081, 42.1221

Square

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



41.9562, 40.3081, 40.2192



37.0080, 40.3081, 34.5238



34.8845, 40.3081, 47.7748



39.6456, 40.3081, 54.8102

Rectangle

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



41.9562, 40.3081, 40.2192



39.5874, 40.3081, 34.4733



34.8845, 40.3081, 47.7748



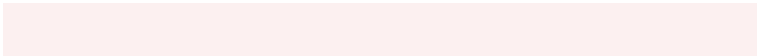
37.0636, 40.3081, 54.8789

Sweetspot

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



41.9573, 40.3099, 40.2200



87.1204, 89.2801, 94.9448



45.0834, 41.5593, 56.6849



18.9067, 19.3001, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.9573, 40.3099, 40.2200



72.9750, 68.5817, 66.8233



44.8795, 46.1543, 41.1941



10.0733, 10.0781, 10.4762



14.6277, 7.5412, 0.6846



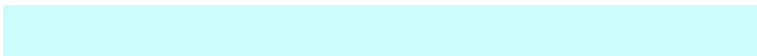
0.6321, 0.3259, 0.0296

Inverse Universe

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



44.1333, 50.2639, 58.4152



77.6270, 89.8629, 105.7237



40.8624, 43.7222, 57.3249



10.3685, 11.4283, 12.9442



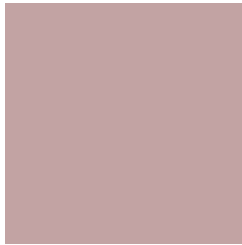
19.0826, 27.9217, 37.9403



0.8245, 1.2065, 1.6393

Previews

White Background



This preview shows how the XYZ color 41.9562, 40.3081, 40.2192 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 41.9562, 40.3081, 40.2192 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 41.9562, 40.3081, 40.2192

Background



This preview shows how black text looks on a background with the XYZ color 41.9562, 40.3081, 40.2192.



This preview shows how white text looks on a background with the XYZ color 41.9562, 40.3081,

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

41.9562, 40.3081, 40.2192

Protanopia

38.8053, 40.5381, 42.3386

Deuteranopia

41.3012, 40.5018, 40.2911



Tritanopia

42.8905, 40.1478, 45.5331

Trichromacy



Original Color

41.9562, 40.3081, 40.2192

Protanomaly

39.7577, 40.2144, 41.7431

Deuteranomaly

41.3722, 40.2716, 40.2430

Tritanomaly

42.6817, 40.3450, 43.5680

Monochromacy



Original Color

41.9562, 40.3081, 40.2192

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1718, 40.9438, 43.3218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9562, 40.3081, 40.2192 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(194, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 163)  
}
```

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(194, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.9562, 40.3081, 40.2192 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(194, 163, 163) }
```


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

```
.border{ border-color:rgb(194, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9562, 40.3081, 40.2192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 163) }
```

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

```
.background{ background-color: rgb(194,  
163, 163) }
```

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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