

Converting Colors

XYZ(42.1716, 40.4452, 41.4462)

Have a look what the booklet for
XYZ(42.1716, 40.4452, 41.4462)
contains.

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Color

**XYZ(42.2283, 40.4169,
41.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A3A6
RGB	194, 163, 166
RGB Percent	76%, 64%, 65%
CMY	0.2392, 0.3608, 0.3490
CMYK	0.00, 0.16, 0.14, 0.24
HSL	354°, 20%, 70%
HSV	354°, 16%, 76%
XYZ	42.2283, 40.4169, 41.6520
YIQ	172.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

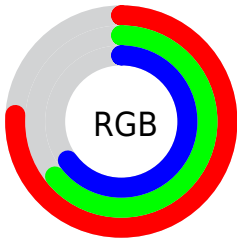
Format	Color
RYB	194, 163, 166
Decimal	12755878
CIELab	69.77, 11.85, 2.69
CIElCh	70, 12.149, 12.775
Yxy	40.4169, 0.3397, 0.3252
Android (android.graphics.Color)	4290945958 (0xFFC2A3A6)
YUV	172.6110, -3.2592, 18.7582
Hunter-Lab	63.5743, 7.3110, 5.6569

Details

The XYZ color **42.2283, 40.4169, 41.6520** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8016, 50.1328, 56.6607**, and the grayscale version is **39.5332, 41.5921, 45.2937**.

A 20% lighter version of the original color is **77.9062, 75.8725, 78.9454**, and **19.5369, 18.1592, 18.3950** is the 20% darker color. If you saturate the color by 10%, you get **37.5449, 33.4496, 32.6928**, and if you desaturate by 10%, it is **47.6614, 48.5322, 51.9429**.

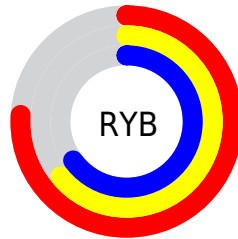
Distribution



Red (76%)

Green (64%)

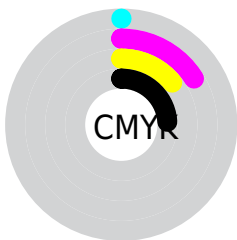
Blue (65%)



Red (76%)

Yellow (64%)

Blue (65%)

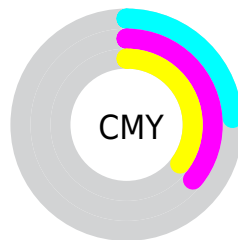


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2283, 40.4169, 41.6520 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 42.2283, 40.4169, 41.6520 by changing the saturation by 10% instead.


 42.2283, 40.4169,
41.6520

 42.2283, 40.4169,
41.6520


346.4040,
347.8776, 368.7953

 29.4720, 27.8637,
28.5054

 77.8080, 75.7979,
78.9371

 19.5842, 18.2230,
18.4646

 101.3622, 99.3946,
103.9126

 12.1997, 11.1102,
11.1112

129.2463,
127.4412, 133.6681

 6.9530, 6.1410,
6.0266

161.8257,
160.3222, 168.6222

 3.4788, 2.9310,
2.7922

199.4659,
198.4220, 209.1935

 1.4117, 1.0958,
0.9895

242.5320,

 0.2646, 0.0000,

242.1248, 255.8004

0.0000

291.3896,
291.8153, 308.8615

■ 0.0000, 0.0000,
0.0000

■ 42.2283, 40.4169,
41.6520

■ 42.2283, 40.4169,
41.6520

■ 37.5449, 33.4496,
32.6928

■ 47.6614, 48.5322,
51.9429

■ 33.5751, 27.5735,
25.0083

■ 53.8717, 57.8384,
63.6140

■ 30.2848, 22.7347,
18.5413

■ 60.8892, 68.3827,
76.7148

■ 27.6356, 18.8730,
13.2292

■ 68.7416, 80.2084,
91.2914

■ 25.5856, 15.9219,
9.0038

■ 75.8376, 90.1211,
106.8487

■ 24.0875, 13.8063,
5.7896

■ 76.0584, 90.2094,
108.0112

■ 23.0871, 12.4395,
3.5015

■ 22.5173, 11.7126,
2.0398

■ 22.3638, 11.5156,
1.6492

Harmonies

Analogous

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



42.1473, 40.4169, 47.2979



42.2283, 40.4169, 41.6520



41.2627, 40.4169, 37.0443

Triad

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



42.2283, 40.4169, 41.6520



35.9000, 40.4169, 36.5159



37.3044, 40.4169, 55.2016

Complementary

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



42.2283, 40.4169, 41.6520



43.8016, 50.1328, 56.6607

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.



35.7016, 40.4169, 51.7920



42.2283, 40.4169, 41.6520



34.9099, 40.4169, 40.8727

Square

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



42.2283, 40.4169, 41.6520



37.5837, 40.4169, 34.2539



34.8386, 40.4169, 46.4494



39.2586, 40.4169, 55.4556

Rectangle

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



42.2283, 40.4169, 41.6520



40.1739, 40.4169, 35.0495



34.8386, 40.4169, 46.4494



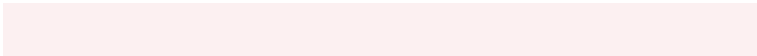
36.7083, 40.4169, 54.3740

Sweetspot

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



42.2294, 40.4187, 41.6529



87.3017, 89.3520, 95.9019



44.2967, 41.1547, 56.6484



18.9516, 19.3178, 20.6873



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.



42.2294, 40.4187, 41.6529



73.5399, 68.8055, 69.8054



44.2682, 44.9311, 40.9919



10.1119, 10.0934, 10.6797



14.7176, 7.5768, 1.1588



0.6496, 0.3328, 0.1220

Inverse Universe

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



42.2294, 40.4187, 41.6529



73.5399, 68.8055, 69.8054



41.4895, 44.9754, 57.5338



10.1119, 10.0934, 10.6797



14.7176, 7.5768, 1.1588



0.6496, 0.3328, 0.1220

Previews

White Background



This preview shows how the XYZ color 42.2283, 40.4169, 41.6520 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 42.2283, 40.4169, 41.6520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

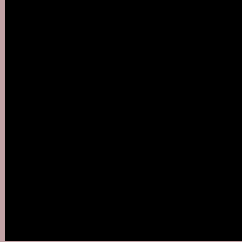
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2283, 40.4169, 41.6520

Background



This preview shows how black text looks on a background with the XYZ color 42.2283, 40.4169, 41.6520.



This preview shows how white text looks on a background with the XYZ color 42.2283, 40.4169,

41.6520.

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

42.2283, 40.4169, 41.6520

Protanopia

39.0860, 40.6504, 43.8165

Deuteranopia

41.3243, 40.4823, 41.7122



Tritanopia

43.0660, 40.4988, 45.5916

Trichromacy



Original Color

42.2283, 40.4169, 41.6520

Protanomaly

40.0362, 40.3258, 43.2096

Deuteranomaly

41.6443, 40.3805, 41.6757

Tritanomaly

42.7767, 40.3830, 44.0682

Monochromacy



Original Color

42.2283, 40.4169, 41.6520

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4997, 41.1020, 43.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2283, 40.4169, 41.6520 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 166) }
```

Border

The CSS property to change the border of an element to XYZ 42.2283, 40.4169, 41.6520 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, 166) }
```


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

```
.border{ border-color:rgb(194, 163, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 163, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 163, 166); box-shadow:4px 4px 4px 4px rgb(194, 163, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2283, 40.4169, 41.6520 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, 166) }
```

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

```
.background{ background-color: rgb(194,  
163, 166) }
```

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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