

Converting Colors

XYZ(42.4829, 40.1091, 39.3408)

Have a look what the booklet for
XYZ(42.4829, 40.1091, 39.3408)
contains.

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Color

**XYZ(42.4666, 40.0687,
39.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A1A1
RGB	198, 161, 161
RGB Percent	78%, 63%, 63%
CMY	0.2235, 0.3686, 0.3686
CMYK	0.00, 0.19, 0.19, 0.22
HSL	0°, 25%, 70%
HSV	0°, 19%, 78%
XYZ	42.4666, 40.0687, 39.2140
YIQ	172.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

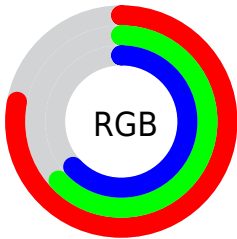
Format	Color
RYB	198, 161, 161
Decimal	13017505
CIELab	69.52, 13.63, 5.15
CIELCh	70, 14.570, 20.701
Yxy	40.0687, 0.3488, 0.3291
Android (android.graphics.Color)	4291207585 (0xFFC6A1A1)
YUV	172.0630, -5.4541, 22.7467
Hunter-Lab	63.2998, 8.9774, 7.5800

Details

The XYZ color **42.4666, 40.0687, 39.2140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0847, 52.0412, 61.0952**, and the grayscale version is **39.2644, 41.3092, 44.9857**.

A 20% lighter version of the original color is **78.1905, 75.3296, 75.3847**, and **19.7847, 17.9924, 17.1820** is the 20% darker color. If you saturate the color by 10%, you get **37.6670, 33.0457, 29.6710**, and if you desaturate by 10%, it is **48.0928, 48.3015, 50.3976**.

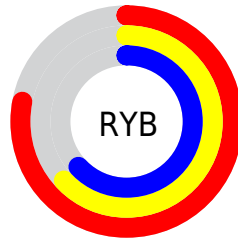
Distribution



Red (78%)

Green (63%)

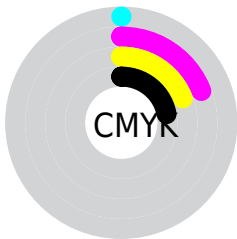
Blue (63%)



Red (78%)

Yellow (63%)

Blue (63%)

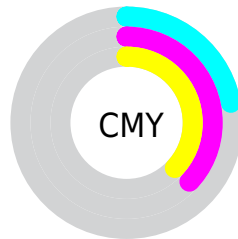


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4666, 40.0687, 39.2140 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 42.4666, 40.0687, 39.2140 by changing the saturation by 10% instead.


 42.4666, 40.0687,
39.2140


 42.4666, 40.0687,
39.2140


347.3724,
346.4130, 358.2526

 29.6595, 27.5921,
26.6171


 78.1661, 75.2681,
75.1891

 19.7271, 18.0184,
17.0560


 101.7892, 98.7597,
99.4043

 12.3039, 10.9632,
10.1120

129.7483,
126.6918, 128.3295

 7.0247, 6.0421,
5.3667

162.4089,
159.4488, 162.3831

 3.5240, 2.8707,
2.4015

200.1362,
197.4150, 201.9837

 1.4365, 1.0646,
0.7873

243.2957,

 0.2820, 0.0000,

240.9748, 247.5497

0.0000

292.2526,
290.5127, 299.4999

■ 0.0000, 0.0000,
0.0000

■ 42.4666, 40.0687,
39.2140

■ 42.4666, 40.0687,
39.2140

■ 37.6670, 33.0457,
29.6710

■ 48.0928, 48.3015,
50.3976

■ 33.6518, 27.1705,
21.6891

■ 54.5784, 57.7917,
63.2911

■ 30.3806, 22.3836,
15.1861

■ 61.9585, 68.5906,
77.9629

■ 27.8075, 18.6183,
10.0711

■ 70.2652, 80.7455,
94.4771

■ 25.8818, 15.8005,
6.2432

■ 77.0989, 90.7459,
108.0599

■ 24.5460, 13.8458,
3.5882

■ 23.7326, 12.6553,
1.9713

■ 23.3316, 12.0684,
1.1744

■ 23.2891, 12.0063,
1.0900

Harmonies

Analogous

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



42.7168, 40.0687, 45.7514



42.4666, 40.0687, 39.2140



41.0165, 40.0687, 34.3653

Triad

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



42.4666, 40.0687, 39.2140



34.6952, 40.0687, 35.9385



37.3590, 40.0687, 57.6765

Complementary

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



42.4666, 40.0687, 39.2140



45.0847, 52.0412, 61.0952

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.



35.2949, 40.0687, 54.4213



42.4666, 40.0687, 39.2140



33.7991, 40.0687, 41.5714

Square

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



42.4666, 40.0687, 39.2140



36.5099, 40.0687, 32.6135



34.0140, 40.0687, 48.3614



39.7029, 40.0687, 56.8791

Rectangle

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



42.4666, 40.0687, 39.2140



39.5962, 40.0687, 32.5245



34.0140, 40.0687, 48.3614



36.6110, 40.0687, 57.0084

Sweetspot

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



42.4677, 40.0705, 39.2148



87.9959, 89.6780, 94.8763



46.2271, 41.5732, 59.0145



18.6778, 18.9652, 19.9955



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.



42.4677, 40.0705, 39.2148



71.9389, 66.1823, 62.9548



45.9427, 47.0205, 40.3732



10.6340, 10.6371, 11.0555



15.1454, 7.8080, 0.7088



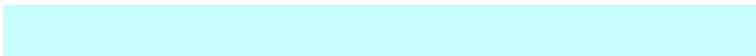
0.7172, 0.3698, 0.0336

Inverse Universe

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



45.0847, 52.0412, 61.0952



77.3349, 90.8649, 108.0704



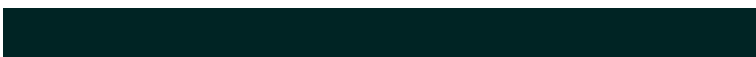
41.1120, 44.0958, 59.7710



10.9467, 12.0674, 13.6698



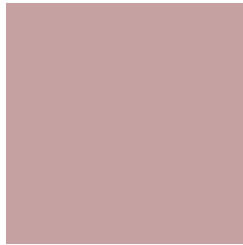
19.7587, 28.9113, 39.2834



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 42.4666, 40.0687, 39.2140 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 42.4666, 40.0687, 39.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

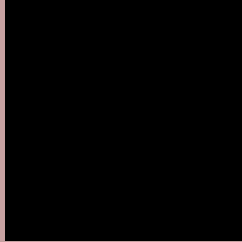
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4666, 40.0687, 39.2140

Background



This preview shows how black text looks on a background with the XYZ color 42.4666, 40.0687, 39.2140.



This preview shows how white text looks on a background with the XYZ color 42.4666, 40.0687,

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

42.4666, 40.0687, 39.2140

Protanopia

38.5265, 40.1278, 41.7913

Deuteranopia

40.8558, 40.0361, 38.8321



Tritanopia

43.3977, 39.9169, 44.4472

Trichromacy



Original Color

42.4666, 40.0687, 39.2140

Protanomaly

39.8655, 40.0201, 40.7455

Deuteranomaly

41.4347, 40.0699, 38.8081

Tritanomaly

43.1919, 40.1109, 42.5115

Monochromacy



Original Color

42.4666, 40.0687, 39.2140

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1266, 40.6562, 42.7783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4666, 40.0687, 39.2140 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(198, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 161)  
}
```

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(198, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.4666, 40.0687, 39.2140 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(198, 161, 161) }
```


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

```
.border{ border-color:rgb(198, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4666, 40.0687, 39.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 161) }
```

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

```
.background{ background-color: rgb(198,  
161, 161) }
```

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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