

Converting Colors

XYZ(42.1367, 41.8509, 36.9274)

Have a look what the booklet for
XYZ(42.1367, 41.8509, 36.9274)
contains.

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Color

**XYZ(42.1672, 41.8412,
36.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A89B
RGB	194, 168, 155
RGB Percent	76%, 66%, 61%
CMY	0.2392, 0.3412, 0.3922
CMYK	0.00, 0.13, 0.20, 0.24
HSL	20°, 24%, 68%
HSV	20°, 20%, 76%
XYZ	42.1672, 41.8412, 36.8640
YIQ	174.2920, 19.6690, 1.4690

Conversions

Conversions Part 2

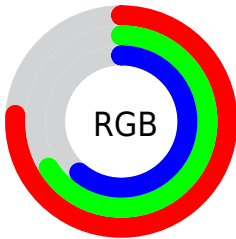
Format	Color
RYB	194, 175, 155
Decimal	12757147
CIELab	70.76, 7.37, 10.19
CIELCh	71, 12.580, 54.129
Yxy	41.8412, 0.3489, 0.3462
Android (android.graphics.Color)	4290947227 (0xFFC2A89B)
YUV	174.2920, -9.5110, 17.2839
Hunter-Lab	64.6848, 3.1636, 11.4898

Details

The XYZ color **42.1672, 41.8412, 36.8640** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7787, 43.9102, 57.4183**, and the grayscale version is **40.4235, 42.5287, 46.3137**.

A 20% lighter version of the original color is **77.6800, 77.8880, 71.2613**, and **19.5593, 19.0657, 15.7459** is the 20% darker color. If you saturate the color by 10%, you get **38.3975, 36.7028, 28.2048**, and if you desaturate by 10%, it is **46.4384, 47.5629, 46.9828**.

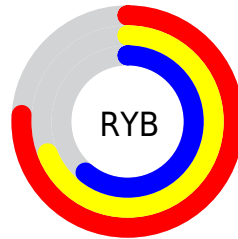
Distribution



Red (76%)

Green (66%)

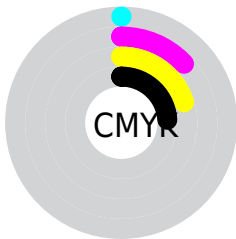
Blue (61%)



Red (76%)

Yellow (69%)

Blue (61%)

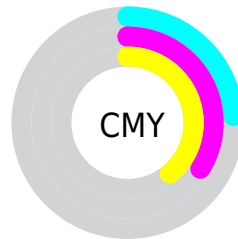


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1672, 41.8412, 36.8640 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 42.1672, 41.8412, 36.8640 by changing the saturation by 10% instead.


 42.1672, 41.8412,
36.8640


 42.1672, 41.8412,
36.8640


346.1554,
353.8242, 347.8723

 29.4239, 28.9770,
24.8072


 77.7162, 77.9592,
71.5476

 19.5476, 19.0634,
15.7158


 101.2526,
101.9818, 95.0114

 12.1730, 11.7161,
9.1711

129.1174,
130.4926, 123.1148

 6.9346, 6.5507,
4.7546

161.6761,
163.8761, 156.2761

 3.4672, 3.1827,
2.0478

199.2938,
202.5166, 194.9140

 1.4054, 1.2279,
0.5844

242.3361,

 0.2601, 0.0843,

246.7985, 239.4470

0.0000

291.1681,
297.1063, 290.2935

■ 0.0000, 0.0000,
0.0000

■ 42.1672, 41.8412,
36.8640

■ 42.1672, 41.8412,
36.8640

■ 38.3975, 36.7028,
28.2048

■ 46.4384, 47.5629,
46.9828

■ 35.1065, 32.1234,
20.9345

■ 51.2260, 53.8803,
58.6220

■ 32.2747, 28.0848,
14.9805

■ 56.5483, 60.8122,
71.8424

■ 29.8797, 24.5662,
10.2625

■ 62.4219, 68.3750,
86.7003

■ 27.8970, 21.5447,
6.6913

■ 68.8626, 76.5845,
103.2495

■ 26.2993, 18.9960,
4.1654

■ 73.1306, 84.3539,
107.0353

■ 25.0555, 16.8930,
2.5652

■ 76.0583, 90.2094,
108.0112

■ 24.1206, 15.2141,
1.6653

Harmonies

Analogous

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



43.5452, 41.8412, 41.0188



42.1672, 41.8412, 36.8640



40.1807, 41.8412, 35.0538

Triad

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



42.1672, 41.8412, 36.8640



35.9085, 41.8412, 44.3923



41.4322, 41.8412, 56.8737

Complementary

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



42.1672, 41.8412, 36.8640



39.7787, 43.9102, 57.4183

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.



39.3597, 41.8412, 57.9752



42.1672, 41.8412, 36.8640



36.2173, 41.8412, 50.4202

Square

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



42.1672, 41.8412, 36.8640



36.6044, 41.8412, 39.1492



37.4631, 41.8412, 55.5214



43.1106, 41.8412, 52.6305

Rectangle

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



42.1672, 41.8412, 36.8640



38.7971, 41.8412, 35.2957



37.4631, 41.8412, 55.5214



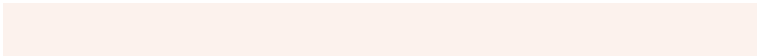
40.7566, 41.8412, 57.6383

Sweetspot

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



42.1683, 41.8431, 36.8649



87.4959, 90.6266, 93.2342



42.3104, 38.2487, 48.8692



19.0359, 19.6813, 20.1148



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.



42.1683, 41.8431, 36.8649



73.3667, 71.6982, 59.7613



46.0415, 49.5895, 38.1559



10.3415, 10.6144, 10.5656



15.9266, 10.1389, 1.1176



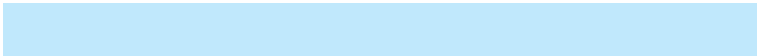
0.7523, 0.5664, 0.0697

Inverse Universe

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



39.7787, 43.9102, 57.4183



68.2719, 76.0982, 103.5599



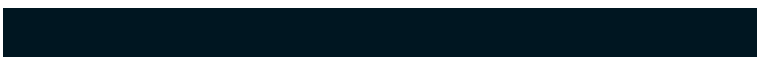
36.0881, 36.5290, 56.1881



10.0765, 10.8442, 12.8469



11.6686, 13.0938, 35.4690



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 42.1672, 41.8412, 36.8640 looks on a white background.

Color Contrast Check

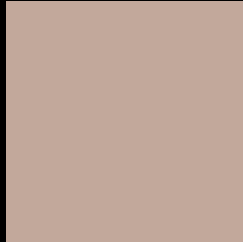
Large Text (above 18pt) WCAG AA × Fail

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 42.1672, 41.8412, 36.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

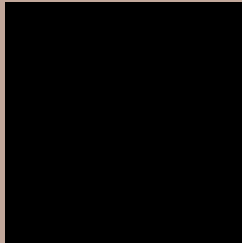
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1672, 41.8412, 36.8640

Background



This preview shows how black text looks on a background with the XYZ color 42.1672, 41.8412, 36.8640.



This preview shows how white text looks on a background with the XYZ color 42.1672, 41.8412,

36.8640.

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

42.1672, 41.8412, 36.8640

Protanopia

39.8518, 42.0248, 37.9095

Deuteranopia

42.7611, 41.8743, 36.8391



Tritanopia

44.5170, 41.9949, 47.8790

Trichromacy



Original Color

42.1672, 41.8412, 36.8640

Protanomaly

40.5712, 41.8404, 37.3902

Deuteranomaly

42.5001, 41.7398, 36.8269

Tritanomaly

43.6569, 41.9105, 43.8188

Monochromacy



Original Color

42.1672, 41.8412, 36.8640

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7836, 42.1188, 42.5394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1672, 41.8412, 36.8640 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, 168, 155) looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 155)  
}
```

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, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 155) }
```

Border

The CSS property to change the border of an element to XYZ 42.1672, 41.8412, 36.8640 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, 168, 155) }
```


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

```
.border{ border-color:rgb(194, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1672, 41.8412, 36.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 155) }
```

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

```
.background{ background-color: rgb(194,  
168, 155) }
```

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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