

Converting Colors

XYZ(42.5708, 42.9011, 36.6626)

Have a look what the booklet for
XYZ(42.5708, 42.9011, 36.6626)
contains.

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Color

**XYZ(42.6438, 42.9282,
36.6103)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AB9A
RGB	194, 171, 154
RGB Percent	76%, 67%, 60%
CMY	0.2392, 0.3294, 0.3961
CMYK	0.00, 0.12, 0.21, 0.24
HSL	26°, 25%, 68%
HSV	26°, 21%, 76%
XYZ	42.6438, 42.9282, 36.6103
YIQ	175.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

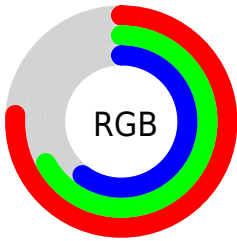
Format	Color
R_{YB}	194, 184, 154
Decimal	12757914
CIE Lab	71.51, 5.59, 11.80
CIE LCh	72, 13.057, 64.642
Yxy	42.9282, 0.3490, 0.3513
Android (android.graphics.Color)	4290947994 (0xFFC2AB9A)
YUV	175.9390, -10.8159, 15.8395
Hunter-Lab	65.5196, 1.5184, 12.7343

Details

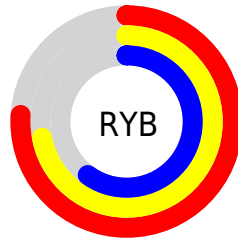
The XYZ color **42.6438, 42.9282, 36.6103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7860, 42.2085, 57.1422**, and the grayscale version is **41.2836, 43.4335, 47.2991**.

A 20% lighter version of the original color is **78.3652, 79.4560, 70.8808**, and **19.8602, 19.7484, 15.5970** is the 20% darker color. If you saturate the color by 10%, you get **39.1385, 38.2976, 28.1041**, and if you desaturate by 10%, it is **46.5904, 48.0228, 46.5529**.

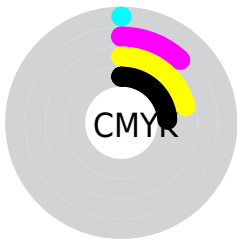
Distribution



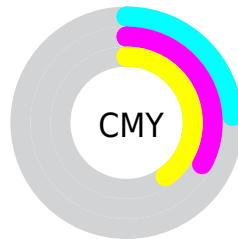
- Red (76%)
- Green (67%)
- Blue (60%)



- Red (76%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6438, 42.9282, 36.6103 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 42.6438, 42.9282, 36.6103 by changing the saturation by 10% instead.


 42.6438, 42.9282,
36.6103


 42.6438, 42.9282,
36.6103


348.0912,
358.3164, 346.7380

 29.7990, 29.8288,
24.6125


 78.4321, 79.6025,
71.1526

 19.8334, 19.7087,
15.5722

 102.1064,
103.9462, 94.5342

 12.3816, 12.1835,
9.0709


130.1213,
132.8067, 122.5475

 7.0781, 6.8687,
4.6900

162.8420,
166.5685, 155.6110

 3.5578, 3.3801,
2.0110

200.6340,
205.6160, 194.1433

 1.4551, 1.3333,
0.5620

243.8627,

 0.2950, 0.1667,

250.3336, 238.5628

0.0000

292.8933,
301.1056, 289.2882

■ 0.0000, 0.0000,
0.0000

■ 42.6438, 42.9282,
36.6103

■ 42.6438, 42.9282,
36.6103

■ 39.1385, 38.2976,
28.1041

■ 46.5904, 48.0228,
46.5529

■ 36.0541, 34.1113,
20.9643

■ 50.9907, 53.5885,
57.9922

■ 33.3738, 30.3568,
15.1189

■ 55.8609, 59.6400,
70.9883

■ 31.0778, 27.0188,
10.4880

■ 61.2154, 66.1892,
85.5971

■ 29.1448, 24.0806,
6.9830

■ 67.0678, 73.2477,
101.8717

■ 27.5506, 21.5245,
4.5027

■ 70.8509, 79.7946,
106.2754

■ 26.2675, 19.3304,
2.9276

■ 74.1981, 86.4890,
107.3911

■ 25.3010, 17.5747,
2.0588

■ 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



44.3885, 42.9282, 40.1768



42.6438, 42.9282, 36.6103



40.4600, 42.9282, 35.6589

Triad

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



42.6438, 42.9282, 36.6103



36.7225, 42.9282, 47.7306



43.2585, 42.9282, 57.4537

Complementary

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



42.6438, 42.9282, 36.6103



38.7860, 42.2085, 57.1422

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.



41.1459, 42.9282, 59.9109



42.6438, 42.9282, 36.6103



37.4141, 42.9282, 53.9850

Square

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



42.6438, 42.9282, 36.6103



37.0913, 42.9282, 41.7343



39.0139, 42.9282, 58.5880



44.7522, 42.9282, 52.1340

Rectangle

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



42.6438, 42.9282, 36.6103



39.0605, 42.9282, 36.5559



39.0139, 42.9282, 58.5880



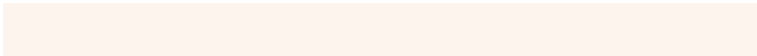
42.5944, 42.9282, 58.6626

Sweetspot

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



42.6450, 42.9301, 36.6112



87.9115, 91.4578, 93.3728



41.7733, 37.7688, 46.8583



19.1363, 19.8821, 20.1483



0.0000, 0.0000, 0.0000



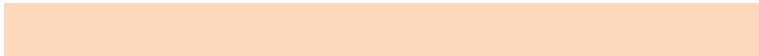
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6450, 42.9301, 36.6112



74.1284, 73.6651, 58.6482



46.6395, 50.9193, 37.9427



10.4173, 10.7660, 10.5909



16.7122, 11.7102, 1.3795



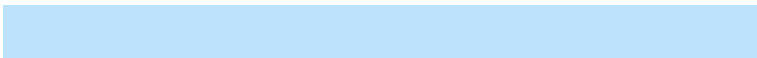
0.7903, 0.6424, 0.0823

Inverse Universe

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



38.7860, 42.2085, 57.1422



65.8058, 72.1060, 102.9193



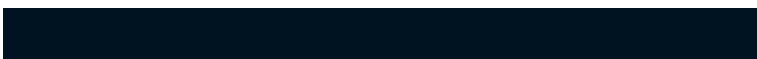
35.1781, 34.9926, 55.9395



9.9983, 10.6879, 12.8208



10.2606, 10.2776, 34.9996



0.5105, 0.5784, 1.5346

Previews

White Background



This preview shows how the XYZ color 42.6438, 42.9282, 36.6103 looks on a white background.

Color Contrast Check

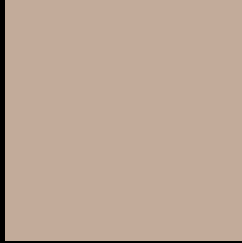
Large Text (above 18pt) WCAG AA × Fail

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 42.6438, 42.9282, 36.6103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

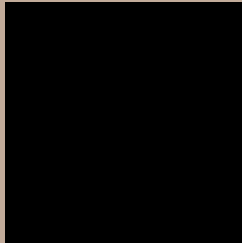
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6438, 42.9282, 36.6103

Background



This preview shows how black text looks on a background with the XYZ color 42.6438, 42.9282, 36.6103.



This preview shows how white text looks on a background with the XYZ color 42.6438, 42.9282,

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

42.6438, 42.9282, 36.6103

Protanopia

40.8592, 43.1275, 37.6234

Deuteranopia

43.8401, 42.9884, 36.5588



Tritanopia

45.0829, 42.8030, 49.0657

Trichromacy



Original Color

42.6438, 42.9282, 36.6103

Protanomaly

41.5460, 43.2035, 37.1597

Deuteranomaly

43.4962, 43.0883, 36.5962

Tritanomaly

44.1183, 42.6813, 44.4411

Monochromacy



Original Color

42.6438, 42.9282, 36.6103

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.7324, 43.1665, 43.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6438, 42.9282, 36.6103 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, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 154)  
}
```

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, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 154) }
```

Border

The CSS property to change the border of an element to XYZ 42.6438, 42.9282, 36.6103 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, 171, 154) }
```


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

```
.border{ border-color:rgb(194, 171, 154) }
```

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

Here you see how a box with a 4 pixel rgb(194, 171, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6438, 42.9282, 36.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 154) }
```

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

```
.background{ background-color: rgb(194,  
171, 154) }
```

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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