

Converting Colors

XYZ(41.7500, 42.5621, 31.6126)

Have a look what the booklet for
XYZ(41.7500, 42.5621, 31.6126)
contains.

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Color

**XYZ(41.6935, 42.5481,
31.6063)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AB8E
RGB	194, 171, 142
RGB Percent	76%, 67%, 56%
CMY	0.2392, 0.3294, 0.4431
CMYK	0.00, 0.12, 0.27, 0.24
HSL	33°, 30%, 66%
HSV	33°, 27%, 76%
XYZ	41.6935, 42.5481, 31.6063
YIQ	174.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

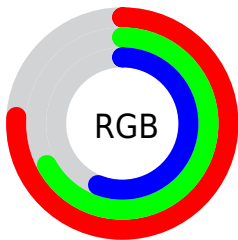
Format	Color
R _Y B	183, 194, 142
Decimal	12757902
CIE Lab	71.25, 3.84, 18.00
CIE LCh	71, 18.408, 77.947
Yxy	42.5481, 0.3599, 0.3673
Android (android.graphics.Color)	4290947982 (0xFFC2AB8E)
YUV	174.5710, -16.0575, 17.0392
Hunter-Lab	65.2289, -0.0556, 16.9316

Details

The XYZ color **41.6935, 42.5481, 31.6063** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3478, 36.5551, 56.2846**, and the grayscale version is **40.5987, 42.7130, 46.5145**.

A 20% lighter version of the original color is **76.9438, 78.8875, 63.3960**, and **19.3438, 19.5418, 12.8776** is the 20% darker color. If you saturate the color by 10%, you get **38.7939, 38.8803, 24.0683**, and if you desaturate by 10%, it is **44.9541, 46.5316, 40.5163**.

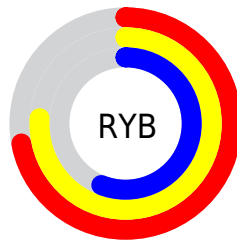
Distribution



Red (76%)

Green (67%)

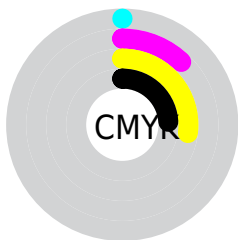
Blue (56%)



Red (72%)

Yellow (76%)

Blue (56%)

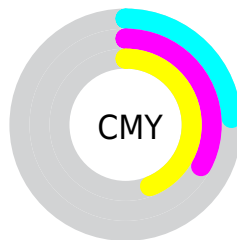


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6935, 42.5481, 31.6063 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 41.6935, 42.5481, 31.6063 by changing the saturation by 10% instead.


 41.6935, 42.5481,
31.6063

 41.6935, 42.5481,
31.6063


344.2241,
356.7500, 323.7592


 29.0514, 29.5307,
20.7986


 77.0036, 79.0285,
63.2841

 19.2642, 19.4827,
12.7871


 100.4024,
103.2603, 84.9913

 11.9665, 12.0196,
7.1531


 128.1174,
131.9990, 111.1688

 6.7929, 6.7570,
3.4781

160.5141,
165.6290, 142.2351

 3.3781, 3.3106,
1.3437

197.9577,
204.5347, 178.6087

 1.3567, 1.2960,
0.0972

240.8137,

 0.2251, 0.1381,

249.1005, 220.7083

0.0000

289.4474,
299.7108, 268.9522

■ 0.0000, 0.0000,
0.0000

■ 41.6935, 42.5481,
31.6063

■ 41.6935, 42.5481,
31.6063

■ 38.7939, 38.8803,
24.0683

■ 44.9541, 46.5316,
40.5163

■ 36.2367, 35.5132,
17.8299

■ 48.5865, 50.8337,
50.8604

■ 34.0069, 32.4388,
12.8157

■ 52.6050, 55.4647,
62.7003

■ 32.0864, 29.6468,
8.9418

■ 57.0222, 60.4324,
76.0930

■ 30.4552, 27.1255,
6.1133

■ 61.8500, 65.7446,
91.0927

■ 29.0902, 24.8621,
4.2197

■ 66.5473, 71.1875,
104.8409

■ 27.9611, 22.8409,
3.1131

■ 68.8909, 75.8747,
105.6221

■ 27.6327, 22.2383,
2.8360

■ 71.3521, 80.7972,
106.4425

■ 73.9328, 85.9585,
107.3027

Harmonies

Analogous

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



44.5503, 42.5481, 34.8120



41.6935, 42.5481, 31.6063



38.6383, 42.5481, 31.9583

Triad

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



41.6935, 42.5481, 31.6063



35.0502, 42.5481, 51.7682



45.0123, 42.5481, 58.6788

Complementary

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



41.6935, 42.5481, 31.6063



34.3478, 36.5551, 56.2846

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.



42.2983, 42.5481, 64.4642



41.6935, 42.5481, 31.6063



36.5920, 42.5481, 60.1381

Square

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



41.6935, 42.5481, 31.6063



34.9067, 42.5481, 42.8661



39.2132, 42.5481, 65.0299



46.5307, 42.5481, 49.9707

Rectangle

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



41.6935, 42.5481, 31.6063



36.8978, 42.5481, 34.1685



39.2132, 42.5481, 65.0299



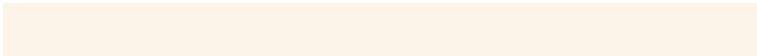
44.2034, 42.5481, 61.0752

Sweetspot

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



41.6946, 42.5500, 31.6072



87.1157, 91.0323, 89.5127



38.7495, 33.5470, 40.2218



18.8497, 19.6677, 18.9471



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.



41.6946, 42.5500, 31.6072



72.4644, 73.2293, 49.1771



45.7611, 51.6651, 33.1522



10.5286, 10.9887, 10.6280



18.2505, 14.7867, 1.8922



0.8563, 0.7745, 0.1044

Inverse Universe

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



34.3478, 36.5551, 56.2846



56.9899, 60.6052, 101.1641



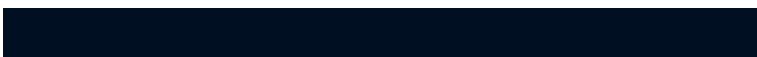
31.0178, 29.2251, 55.0453



9.8867, 10.4647, 12.7836



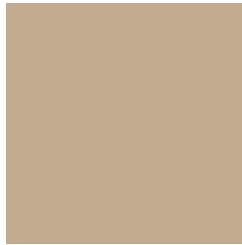
8.6583, 7.0730, 34.4655



0.4427, 0.4428, 1.5120

Previews

White Background



This preview shows how the XYZ color 41.6935, 42.5481, 31.6063 looks on a white background.

Color Contrast Check

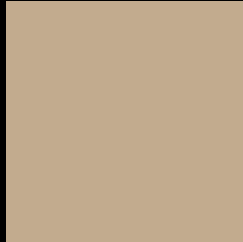
Large Text (above 18pt) WCAG AA × Fail

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 41.6935, 42.5481, 31.6063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

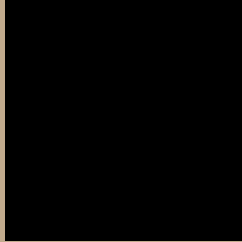
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6935, 42.5481, 31.6063

Background



This preview shows how black text looks on a background with the XYZ color 41.6935, 42.5481, 31.6063.



This preview shows how white text looks on a background with the XYZ color 41.6935, 42.5481,

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

41.6935, 42.5481, 31.6063

Protanopia

40.1777, 42.6000, 32.4906

Deuteranopia

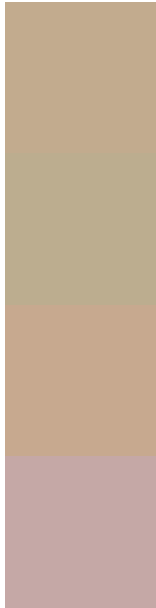
43.3177, 42.5450, 31.9155



Tritanopia

45.0616, 42.5329, 48.4825

Trichromacy



Original Color

41.6935, 42.5481, 31.6063

Protanomaly

40.6405, 42.5617, 32.0598

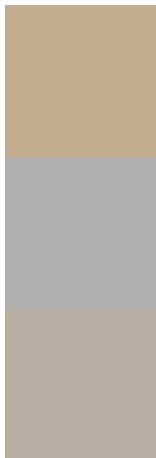
Deuteranomaly

42.6991, 42.5012, 31.9397

Tritanomaly

43.9115, 42.6288, 41.9902

Monochromacy



Original Color

41.6935, 42.5481, 31.6063

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0383, 42.8615, 40.7605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6935, 42.5481, 31.6063 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 142) }
```

Border

The CSS property to change the border of an element to XYZ 41.6935, 42.5481, 31.6063 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, 142) }
```


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

```
.border{ border-color:rgb(194, 171, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6935, 42.5481, 31.6063 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, 142) }
```

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

```
.background{ background-color: rgb(194,  
171, 142) }
```

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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