

Converting Colors

XYZ(41.6531, 42.6908, 31.3538)

Have a look what the booklet for
XYZ(41.6531, 42.6908, 31.3538)
contains.

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Color

**XYZ(41.8084, 42.8975,
31.2758)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AC8D
RGB	194, 172, 141
RGB Percent	76%, 67%, 55%
CMY	0.2392, 0.3255, 0.4471
CMYK	0.00, 0.11, 0.27, 0.24
HSL	35°, 30%, 66%
HSV	35°, 27%, 76%
XYZ	41.8084, 42.8975, 31.2758
YIQ	175.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

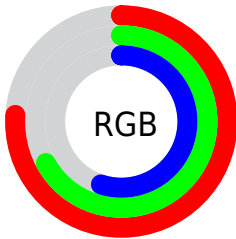
Format	Color
RYB	179, 194, 141
Decimal	12758157
CIELab	71.49, 3.17, 18.88
CIELCh	71, 19.139, 80.478
Yxy	42.8975, 0.3605, 0.3699
Android (android.graphics.Color)	4290948237 (0xFFC2AC8D)
YUV	175.0440, -16.7837, 16.6244
Hunter-Lab	65.4962, -0.6758, 17.5351

Details

The XYZ color **41.8084, 42.8975, 31.2758** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8190, 35.7511, 56.1573**, and the grayscale version is **40.8471, 42.9743, 46.7990**.

A 20% lighter version of the original color is **77.1031, 79.3875, 62.8893**, and **19.4200, 19.7637, 12.6888** is the 20% darker color. If you saturate the color by 10%, you get **39.0036, 39.3990, 23.8322**, and if you desaturate by 10%, it is **44.9612, 46.6868, 40.0839**.

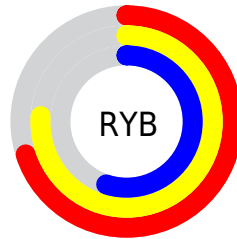
Distribution



Red (76%)

Green (67%)

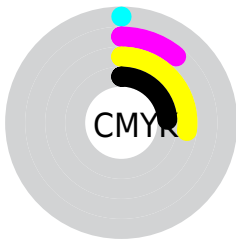
Blue (55%)



Red (70%)

Yellow (76%)

Blue (55%)

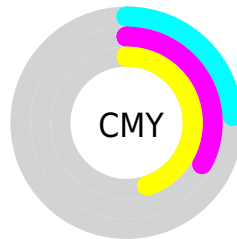


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8084, 42.8975, 31.2758 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 41.8084, 42.8975, 31.2758 by changing the saturation by 10% instead.


 41.8084, 42.8975,
31.2758

 41.8084, 42.8975,
31.2758


344.6932,
358.1901, 322.1974


 29.1417, 29.8047,
20.5487


 77.1765, 79.5562,
62.7587

 19.3329, 19.6904,
12.6065


 100.6088,
103.8908, 84.3516

 12.0165, 12.1702,
7.0306

 128.3602,
132.7415, 110.4035

 6.8272, 6.8597,
3.4025

160.7962,
166.4927, 141.3330

 3.3996, 3.3745,
1.3037

198.2822,
205.5288, 177.5586

 1.3685, 1.3302,
0.0648

241.1834,

 0.2336, 0.1644,

250.2341, 219.4988

0.0000

289.8653,
300.9931, 267.5722

■ 0.0000, 0.0000,
0.0000

■ 41.8084, 42.8975,
31.2758

■ 41.8084, 42.8975,
31.2758

■ 39.0036, 39.3990,
23.8322

■ 44.9612, 46.6868,
40.0839

■ 36.5286, 36.1769,
17.6804

■ 48.4724, 50.7690,
50.3187

■ 34.3684, 33.2240,
12.7449

■ 52.3562, 55.1539,
62.0419

■ 32.5055, 30.5305,
8.9414

■ 56.6249, 59.8486,
75.3106

■ 30.9201, 28.0856,
6.1744

■ 61.2900, 64.8603,
90.1791

■ 29.5892, 25.8774,
4.3326

■ 65.9736, 70.0401,
104.6497

■ 28.4814, 23.8901,
3.2595

■ 68.1419, 74.3767,
105.3724

■ 28.2079, 23.3887,
3.0277

■ 70.4134, 78.9198,
106.1296

■ 72.7895, 83.6720,
106.9216

Harmonies

Analogous

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



44.8525, 42.8975, 34.2915



41.8084, 42.8975, 31.2758



38.6391, 42.8975, 31.9532

Triad

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



41.8084, 42.8975, 31.2758



35.2290, 42.8975, 53.2087



45.7517, 42.8975, 58.9610

Complementary

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



41.8084, 42.8975, 31.2758



33.8190, 35.7511, 56.1573

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.



42.9836, 42.8975, 65.4229



41.8084, 42.8975, 31.2758



36.9483, 42.8975, 61.8096

Square

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



41.8084, 42.8975, 31.2758



34.9514, 42.8975, 43.8282



39.7544, 42.8975, 66.5290



47.2071, 42.8975, 49.7114

Rectangle

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



41.8084, 42.8975, 31.2758



36.8739, 42.8975, 34.4470



39.7544, 42.8975, 66.5290



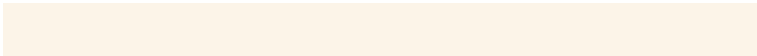
44.9372, 42.8975, 61.5798

Sweetspot

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



41.8095, 42.8995, 31.2767



87.2809, 91.3627, 89.5678



38.3917, 33.1669, 39.0683



18.8924, 19.7529, 18.9613



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.



41.8095, 42.8995, 31.2767



72.5220, 73.7278, 48.0144



45.2311, 51.4005, 32.7372



10.5517, 11.0348, 10.6357



18.6282, 15.5422, 2.0181



0.8716, 0.8049, 0.1094

Inverse Universe

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



33.8190, 35.7511, 56.1573



55.5600, 58.5583, 100.8443



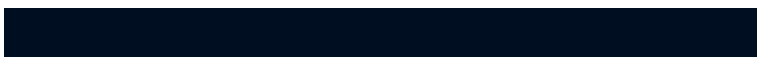
31.0136, 29.0030, 55.0027



9.8640, 10.4194, 12.7761



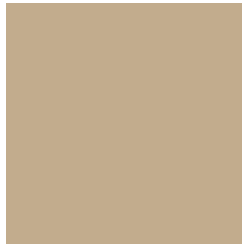
8.3899, 6.5363, 34.3761



0.4304, 0.4182, 1.5079

Previews

White Background



This preview shows how the XYZ color 41.8084, 42.8975, 31.2758 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 41.8084, 42.8975, 31.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

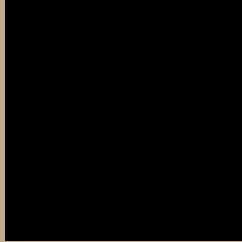
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8084, 42.8975, 31.2758

Background



This preview shows how black text looks on a background with the XYZ color 41.8084, 42.8975, 31.2758.



This preview shows how white text looks on a background with the XYZ color 41.8084, 42.8975,

31.2758.

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

41.8084, 42.8975, 31.2758

Protanopia

40.4622, 43.0520, 31.7685

Deuteranopia

43.7870, 42.7956, 31.5437



Tritanopia

45.6101, 43.0748, 49.0904

Trichromacy



Original Color

41.8084, 42.8975, 31.2758

Protanomaly

41.0048, 43.0439, 31.7383

Deuteranomaly

42.8899, 42.6083, 31.5549

Tritanomaly

44.0969, 42.9994, 42.0520

Monochromacy



Original Color

41.8084, 42.8975, 31.2758

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 41.8084, 42.8975, 31.2758 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, 172, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 141)  
}
```

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, 172, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 141) }
```

Border

The CSS property to change the border of an element to XYZ 41.8084, 42.8975, 31.2758 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, 172, 141) }
```


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

```
.border{ border-color:rgb(194, 172, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8084, 42.8975, 31.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 141) }
```

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

```
.background{ background-color: rgb(194,  
172, 141) }
```

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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