

Converting Colors

XYZ(42.1411, 42.6976, 35.2985)

Have a look what the booklet for
XYZ(42.1411, 42.6976, 35.2985)
contains.

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Color

**XYZ(42.1411, 42.6976,
35.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AB97
RGB	193, 171, 151
RGB Percent	76%, 67%, 59%
CMY	0.2431, 0.3294, 0.4078
CMYK	0.00, 0.11, 0.22, 0.24
HSL	29°, 25%, 67%
HSV	29°, 22%, 76%
XYZ	42.1411, 42.6976, 35.2985
YIQ	175.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

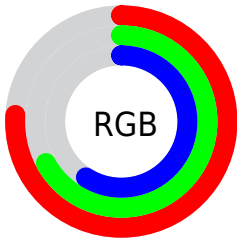
Format	Color
R_{YB}	193, 189, 151
Decimal	12692375
CIE Lab	71.35, 4.76, 13.21
CIE LCh	71, 14.041, 70.189
Yxy	42.6976, 0.3508, 0.3554
Android (android.graphics.Color)	4290882455 (0xFFC1AB97)
YUV	175.2980, -11.9789, 15.5247
Hunter-Lab	65.3434, 0.7668, 13.7119

Details

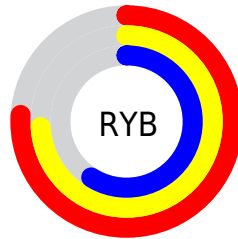
The XYZ color **42.1411, 42.6976, 35.2985** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3314, 40.3156, 56.2664**, and the grayscale version is **40.9559, 43.0888, 46.9237**.

A 20% lighter version of the original color is **77.6401, 79.1245, 68.9381**, and **19.5445, 19.6027, 14.8102** is the 20% darker color. If you saturate the color by 10%, you get **38.8637, 38.4490, 27.0958**, and if you desaturate by 10%, it is **45.8234, 47.3447, 44.9031**.

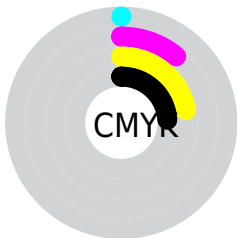
Distribution



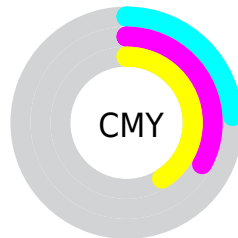
- Red (76%)
- Green (67%)
- Blue (59%)



- Red (76%)
- Yellow (74%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1411, 42.6976, 35.2985 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 42.1411, 42.6976, 35.2985 by changing the saturation by 10% instead.

 42.1411, 42.6976,
35.2985


 42.1411, 42.6976,
35.2985


346.0492,
357.3667, 340.8281

 29.4034, 29.6479,
23.6075

 77.6770, 79.2543,
69.1047

 19.5320, 19.5715,
14.8332


 101.2058,
103.5302, 92.0571

 12.1616, 12.0840,
8.5571


129.0624,
132.3168, 119.6003

 6.9268, 6.8009,
4.3606

161.6121,
165.9988, 152.1529

 3.4623, 3.3379,
1.8252

199.2203,
204.9603, 190.1334

 1.4027, 1.3106,
0.4445

242.2523,

 0.2581, 0.1494,

249.5859, 233.9605

0.0000

291.0735,
300.2599, 284.0525

■ 0.0000, 0.0000,
0.0000

■ 42.1411, 42.6976,
35.2985

■ 42.1411, 42.6976,
35.2985

■ 38.8637, 38.4490,
27.0958

■ 45.8234, 47.3447,
44.9031

■ 35.9722, 34.5818,
20.2256

■ 49.9220, 52.3955,
55.9692

■ 33.4507, 31.0856,
14.6165

■ 54.4520, 57.8624,
68.5562

■ 31.2809, 27.9476,
10.1892

■ 59.4267, 63.7555,
82.7194

■ 29.4428, 25.1539,
6.8554

■ 64.8586, 70.0843,
98.5111

■ 27.9134, 22.6894,
4.5141

■ 68.8009, 76.0746,
105.6654

■ 26.6664, 20.5371,
3.0449

■ 71.7228, 81.9184,
106.6394

■ 25.8129, 18.9785,
2.3027

■ 74.8110, 88.0946,
107.6687

■ 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



44.1510, 42.6976, 38.5940



42.1411, 42.6976, 35.2985



39.7849, 42.6976, 34.8308

Triad

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



42.1411, 42.6976, 35.2985



36.2761, 42.6976, 48.8288



43.5838, 42.6976, 57.1480

Complementary

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



42.1411, 42.6976, 35.2985



37.3314, 40.3156, 56.2664

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.



41.3913, 42.6976, 60.4988



42.1411, 42.6976, 35.2985



37.2122, 42.6976, 55.3965

Square

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



42.1411, 42.6976, 35.2985



36.4593, 42.6976, 42.2213



39.0634, 42.6976, 59.8285



45.0060, 42.6976, 51.0381

Rectangle

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



42.1411, 42.6976, 35.2985



38.3422, 42.6976, 36.1323



39.0634, 42.6976, 59.8285



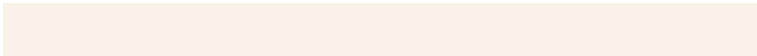
42.9090, 42.6976, 58.6601

Sweetspot

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



42.1422, 42.6995, 35.2994



85.3899, 88.9108, 89.3084



40.6409, 36.5038, 44.6427



18.2242, 18.9574, 18.9044



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.1422, 42.6995, 35.2994



72.6608, 72.8514, 56.0901



46.3404, 51.0959, 36.6988



10.4600, 10.8515, 10.6051



17.2476, 12.7809, 1.5579



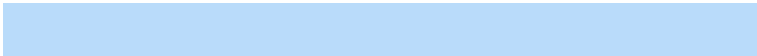
0.8142, 0.6902, 0.0903

Inverse Universe

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



37.3314, 40.3156, 56.2664



62.5489, 67.8399, 100.1580



33.6819, 33.0166, 55.0499



9.9550, 10.6013, 12.8064



9.5830, 8.9225, 34.7738



0.4827, 0.5228, 1.5254

Previews

White Background



This preview shows how the XYZ color 42.1411, 42.6976, 35.2985 looks on a white background.

Color Contrast Check

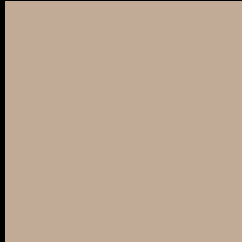
Large Text (above 18pt) WCAG AA × Fail

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 42.1411, 42.6976, 35.2985 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 42.1411, 42.6976, 35.2985

Background



This preview shows how black text looks on a background with the XYZ color 42.1411, 42.6976, 35.2985.



This preview shows how white text looks on a background with the XYZ color 42.1411, 42.6976,

35.2985.

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

42.1411, 42.6976, 35.2985

Protanopia

40.4143, 42.6393, 36.2371

Deuteranopia

43.4895, 42.5516, 35.6269



Tritanopia

45.0829, 42.8030, 49.0657

Trichromacy



Original Color

42.1411, 42.6976, 35.2985

Protanomaly

41.1046, 42.7189, 35.7849

Deuteranomaly

42.8814, 42.5132, 35.6515

Tritanomaly

43.9290, 42.6056, 43.4445

Monochromacy



Original Color

42.1411, 42.6976, 35.2985

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3104, 42.9704, 42.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1411, 42.6976, 35.2985 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(193, 171, 151)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 151)  
}
```

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(193, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 151) }
```

Border

The CSS property to change the border of an element to XYZ 42.1411, 42.6976, 35.2985 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(193, 171, 151) }
```


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

```
.border{ border-color:rgb(193, 171, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 171, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1411, 42.6976, 35.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 151) }
```

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

```
.background{ background-color: rgb(193,  
171, 151) }
```

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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