

Converting Colors

XYZ(43.9171, 41.6093, 35.7610)

Have a look what the booklet for
XYZ(43.9171, 41.6093, 35.7610)
contains.

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Color

**XYZ(43.9271, 41.6882,
35.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA499
RGB	204, 164, 153
RGB Percent	80%, 64%, 60%
CMY	0.2000, 0.3568, 0.4000
CMYK	0.00, 0.20, 0.25, 0.20
HSL	13°, 33%, 70%
HSV	13°, 25%, 80%
XYZ	43.9271, 41.6882, 35.8684
YIQ	174.7060, 27.3710, 5.0590

Conversions

Conversions Part 2

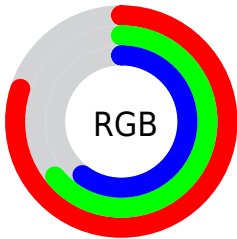
Format	Color
R_{YB}	204, 167, 153
Decimal	13411481
CIE Lab	70.66, 13.06, 11.28
CIE LCh	71, 17.257, 40.810
Yxy	41.6882, 0.3616, 0.3432
Android (android.graphics.Color)	4291601561 (0xFFCCA499)
YUV	174.7060, -10.7011, 25.6908
Hunter-Lab	64.5664, 8.4495, 12.2593

Details

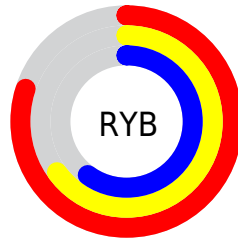
The XYZ color **43.9271, 41.6882, 35.8684** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1055, 49.2706, 64.3653**, and the grayscale version is **40.6402, 42.7566, 46.5620**.

A 20% lighter version of the original color is **77.8340, 76.4280, 69.6813**, and **20.5869, 18.9372, 15.1406** is the 20% darker color. If you saturate the color by 10%, you get **39.6990, 35.7018, 26.8449**, and if you desaturate by 10%, it is **48.8057, 48.5141, 46.5309**.

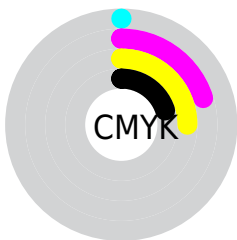
Distribution



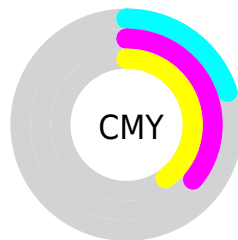
- Red (80%)
- Green (64%)
- Blue (60%)



- Red (80%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9271, 41.6882, 35.8684 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 43.9271, 41.6882, 35.8684 by changing the saturation by 10% instead.


 43.9271, 41.6882,
35.8684


 43.9271, 41.6882,
35.8684


353.2679,
353.1888, 343.4050

 30.8109, 28.8572,
24.0437


 80.3551, 77.7275,
69.9957

 20.6060, 18.9728,
15.1535


 104.3975,
101.7046, 93.1353

 12.9471, 11.6507,
8.7794


132.8127,
130.1659, 120.8836

 7.4689, 6.5063,
4.5027

165.9661,
163.4958, 153.6592

 3.8060, 3.1553,
1.9050

204.2229,
202.0786, 191.8806

 1.5929, 1.2133,
0.4959

247.9486,

 0.3878, 0.0726,

246.2988, 235.9663

0.0000

297.5085,
296.5407, 286.3349

0.0000, 0.0000,
0.0000

43.9271, 41.6882,
35.8684

43.9271, 41.6882,
35.8684

39.6990, 35.7018,
26.8449

48.8057, 48.5141,
46.5309

36.0902, 30.5165,
19.3761

54.3577, 56.2043,
58.9056

33.0716, 26.0997,
13.3744

60.6089, 64.7900,
73.0645

30.6105, 22.4140,
8.7419

67.5829, 74.2988,
89.0748

28.6709, 19.4191,
5.3692

75.3019, 84.7572,
106.9987

■ 27.2121, 17.0703,
3.1296

■ 78.7120, 91.5774,
108.1354

■ 26.1866, 15.3172,
1.8693

■ 25.8033, 14.6400,
1.4658

Harmonies

Analogous

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



45.2663, 41.6882, 42.5048



43.9271, 41.6882, 35.8684



41.4561, 41.6882, 32.0984

Triad

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



43.9271, 41.6882, 35.8684



34.6597, 41.6882, 40.4153



40.6624, 41.6882, 62.6596

Complementary

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



43.9271, 41.6882, 35.8684



43.1055, 49.2706, 64.3653

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.



37.8455, 41.6882, 61.9251



43.9271, 41.6882, 35.8684



34.4701, 41.6882, 48.4058

Square

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



43.9271, 41.6882, 35.8684



36.1414, 41.6882, 34.4973



35.6104, 41.6882, 56.4663



43.3221, 41.6882, 58.3668

Rectangle

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



43.9271, 41.6882, 35.8684



39.5458, 41.6882, 31.4110



35.6104, 41.6882, 56.4663



39.7011, 41.6882, 63.0043

Sweetspot

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



43.9282, 41.6901, 35.8693



88.0037, 90.2946, 93.0260



46.0086, 39.5064, 56.1222



18.7122, 19.1551, 19.6333



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.



43.9282, 41.6901, 35.8693



68.8426, 63.5274, 51.0168



48.7851, 51.4040, 37.4882



11.4053, 11.5995, 11.7172



16.2972, 9.3274, 0.9414



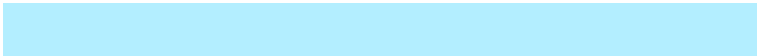
0.8982, 0.5960, 0.0677

Inverse Universe

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



43.1055, 49.2706, 64.3653



67.2436, 78.1814, 106.1541



38.0945, 39.2486, 62.6950



11.3299, 12.3002, 14.3474



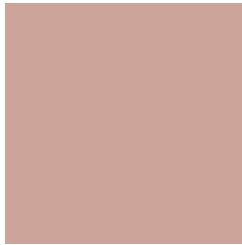
14.8409, 18.7058, 38.7847



0.8181, 1.0700, 2.0183

Previews

White Background



This preview shows how the XYZ color 43.9271, 41.6882, 35.8684 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 43.9271, 41.6882, 35.8684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

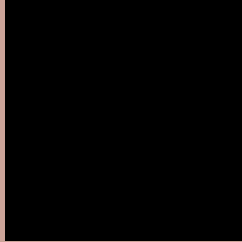
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9271, 41.6882, 35.8684

Background



This preview shows how black text looks on a background with the XYZ color 43.9271, 41.6882, 35.8684.



This preview shows how white text looks on a background with the XYZ color 43.9271, 41.6882,

35.8684.

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

43.9271, 41.6882, 35.8684

Protanopia

39.6607, 41.6427, 37.8458

Deuteranopia

42.5122, 41.7747, 35.5285



Tritanopia

45.7413, 41.6287, 45.1595

Trichromacy



Original Color

43.9271, 41.6882, 35.8684

Protanomaly

41.1750, 41.5951, 37.3110

Deuteranomaly

43.1231, 41.8188, 35.5048

Tritanomaly

44.9801, 41.5730, 41.7301

Monochromacy



Original Color

43.9271, 41.6882, 35.8684

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.7877, 42.3549, 42.5321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9271, 41.6882, 35.8684 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(204, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 153)  
}
```

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(204, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.9271, 41.6882, 35.8684 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(204, 164, 153) }
```


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

```
.border{ border-color:rgb(204, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9271, 41.6882, 35.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 153) }
```

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

```
.background{ background-color: rgb(204,  
164, 153) }
```

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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