

Converting Colors

XYZ(43.2688, 40.9533, 41.7007)

Have a look what the booklet for
XYZ(43.2688, 40.9533, 41.7007)
contains.

XYZ(43.2688, 40.9533, 41.7007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2688, 40.9533,
41.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A3A6
RGB	198, 163, 166
RGB Percent	78%, 64%, 65%
CMY	0.2235, 0.3608, 0.3490
CMYK	0.00, 0.18, 0.16, 0.22
HSL	355°, 23%, 71%
HSV	355°, 18%, 78%
XYZ	43.2688, 40.9533, 41.7007
YIQ	173.8070, 19.8970, 8.3530

Conversions

Conversions Part 2

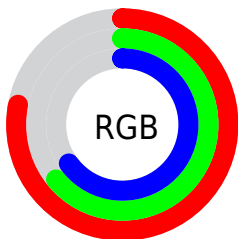
Format	Color
RYB	198, 163, 166
Decimal	13018022
CIELab	70.14, 13.33, 3.28
CIELCh	70, 13.726, 13.830
Yxy	40.9533, 0.3436, 0.3252
Android (android.graphics.Color)	4291208102 (0xFFC6A3A6)
YUV	173.8070, -3.8489, 21.2173
Hunter-Lab	63.9948, 8.6984, 6.1614

Details

The XYZ color **43.2688, 40.9533, 41.7007** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1502, 52.1158, 59.3118**, and the grayscale version is **40.1460, 42.2367, 45.9957**.

A 20% lighter version of the original color is **79.3625, 76.6233, 79.0135**, and **20.2233, 18.5131, 18.4271** is the 20% darker color. If you saturate the color by 10%, you get **38.4792, 33.8471, 32.4791**, and if you desaturate by 10%, it is **48.8449, 49.2575, 52.3389**.

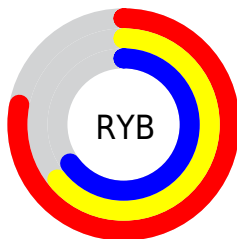
Distribution



Red (78%)

Green (64%)

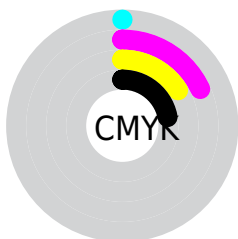
Blue (65%)



Red (78%)

Yellow (64%)

Blue (65%)

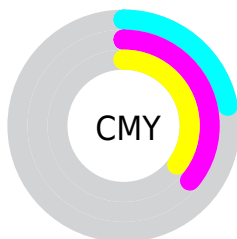


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2688, 40.9533, 41.7007 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 43.2688, 40.9533, 41.7007 by changing the saturation by 10% instead.


 43.2688, 40.9533,
41.7007


 43.2688, 40.9533,
41.7007


350.6188,
350.1254, 369.0037

 30.2915, 28.2826,
28.5432

 79.3695, 76.6130,
79.0116

 20.2091, 18.5388,
18.4929


 103.2237,
100.3708, 104.0021

 12.6563, 11.3375,
11.1314


131.4341,
128.5930, 133.7741

 7.2677, 6.2943,
6.0400

164.3663,
161.6642, 168.7459

 3.6779, 3.0249,
2.8002

202.3855,
199.9686, 209.3363

 1.5216, 1.1447,
0.9936

245.8571,

 0.3404, 0.0159,

243.8907, 255.9637

0.0000

295.1464,
293.8148, 309.0466

■ 0.0000, 0.0000,
0.0000

■ 43.2688, 40.9533,
41.7007

■ 43.2688, 40.9533,
41.7007

■ 38.4792, 33.8471,
32.4791

■ 48.8449, 49.2575,
52.3389

■ 34.4374, 27.8785,
24.6120

■ 55.2372, 58.8056,
64.4473

■ 31.1067, 22.9900,
18.0361

■ 62.4779, 69.6478,
78.0798

■ 28.4457, 19.1169,
12.6824

■ 70.5964, 81.8300,
93.2868

■ 26.4089, 16.1877,
8.4753

■ 77.0988, 90.7458,
108.0599

■ 24.9450, 14.1216,
5.3309

■ 23.9945, 12.8242,
3.1535

■ 23.4757, 12.1605,
1.8274

■ 23.3897, 12.0462,
1.6208

Harmonies

Analogous

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



43.2199, 40.9533, 48.1235



43.2688, 40.9533, 41.7007



42.1228, 40.9533, 36.5658

Triad

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



43.2688, 40.9533, 41.7007



36.0113, 40.9533, 36.2539



37.7350, 40.9533, 57.5502

Complementary

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



43.2688, 40.9533, 41.7007



45.1502, 52.1158, 59.3118

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.



35.8931, 40.9533, 53.7125



43.2688, 40.9533, 41.7007



34.9243, 40.9533, 41.2361

Square

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



43.2688, 40.9533, 41.7007



37.9021, 40.9533, 33.6316



34.8819, 40.9533, 47.6122



39.9659, 40.9533, 57.7053

Rectangle

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



43.2688, 40.9533, 41.7007



40.8600, 40.9533, 34.3904



34.8819, 40.9533, 47.6122



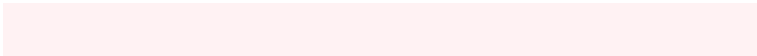
37.0519, 40.9533, 56.6326

Sweetspot

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



43.2699, 40.9551, 41.7016



89.2959, 91.4049, 98.0013



45.6681, 41.8091, 59.0894



18.9464, 19.3158, 20.6602



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.



43.2699, 40.9551, 41.7016



73.3766, 67.7013, 67.6152



45.6229, 46.0959, 41.1454



10.6701, 10.6514, 11.2462



15.2243, 7.8393, 1.1253



0.7339, 0.3764, 0.1217

Inverse Universe

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



43.2699, 40.9551, 41.7016



73.3766, 67.7013, 67.6152



42.4393, 46.1462, 60.0967



10.6701, 10.6514, 11.2462



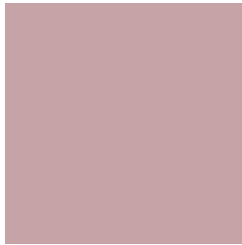
15.2243, 7.8393, 1.1253



0.7339, 0.3764, 0.1217

Previews

White Background



This preview shows how the XYZ color 43.2688, 40.9533, 41.7007 looks on a white background.

Color Contrast Check

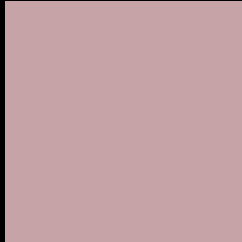
Large Text (above 18pt) WCAG AA × Fail

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 43.2688, 40.9533, 41.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

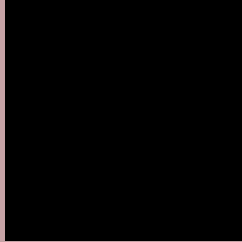
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2688, 40.9533, 41.7007

Background



This preview shows how black text looks on a background with the XYZ color 43.2688, 40.9533, 41.7007.



This preview shows how white text looks on a background with the XYZ color 43.2688, 40.9533,

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

43.2688, 40.9533, 41.7007

Protanopia

39.4978, 41.1421, 43.8897

Deuteranopia

41.9136, 41.0654, 41.3146



Tritanopia

44.1135, 41.0388, 45.6406

Trichromacy



Original Color

43.2688, 40.9533, 41.7007

Protanomaly

40.6925, 40.9371, 43.2930

Deuteranomaly

42.4948, 41.0962, 41.2900

Tritanomaly

43.8242, 40.9230, 44.1172

Monochromacy



Original Color

43.2688, 40.9533, 41.7007

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.2539, 41.7570, 44.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2688, 40.9533, 41.7007 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(198, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 166)  
}
```

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(198, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.2688, 40.9533, 41.7007 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(198, 163, 166) }
```


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

```
.border{ border-color:rgb(198, 163, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2688, 40.9533, 41.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 166) }
```

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

```
.background{ background-color: rgb(198,  
163, 166) }
```

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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