

Converting Colors

XYZ(40.9236, 40.4487, 43.5691)

Have a look what the booklet for
XYZ(40.9236, 40.4487, 43.5691)
contains.

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Color

**XYZ(40.8995, 40.4890,
43.6897)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A6AA
RGB	185, 166, 170
RGB Percent	73%, 65%, 67%
CMY	0.2745, 0.3490, 0.3333
CMYK	0.00, 0.10, 0.08, 0.27
HSL	347°, 12%, 69%
HSV	347°, 10%, 73%
XYZ	40.8995, 40.4890, 43.6897
YIQ	172.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

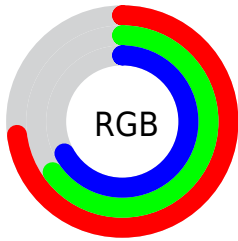
Format	Color
RYB	185, 166, 170
Decimal	12166826
CIELab	69.82, 7.58, 0.44
CIElCh	70, 7.597, 3.353
Yxy	40.4890, 0.3270, 0.3237
Android (android.graphics.Color)	4290356906 (0xFFB9A6AA)
YUV	172.1370, -1.0535, 11.2809
Hunter-Lab	63.6310, 3.3786, 3.8325

Details

The XYZ color **40.8995, 40.4890, 43.6897** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4169, 46.1422, 50.4418**, and the grayscale version is **39.2846, 41.3304, 45.0088**.

A 20% lighter version of the original color is **75.7227, 75.8499, 81.8836**, and **18.8030, 18.2482, 19.6708** is the 20% darker color. If you saturate the color by 10%, you get **36.4696, 33.7188, 35.7700**, and if you desaturate by 10%, it is **45.9690, 48.2917, 52.5812**.

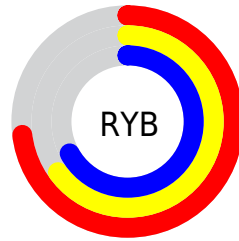
Distribution



Red (73%)

Green (65%)

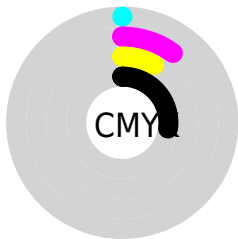
Blue (67%)



Red (73%)

Yellow (65%)

Blue (67%)

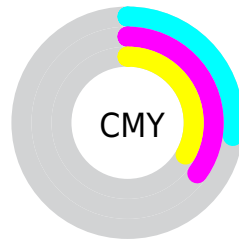


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8995, 40.4890, 43.6897 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 40.8995, 40.4890, 43.6897 by changing the saturation by 10% instead.


 40.8995, 40.4890,
43.6897


 40.8995, 40.4890,
43.6897


340.9702,
348.1803, 377.4447

 28.4279, 27.9200,
30.0912


 75.8070, 75.9076,
82.0481

 18.7906, 18.2654,
19.6552

 98.9736, 99.5259,
107.6451

 11.6221, 11.1407,
11.9631


126.4358,
127.5962, 138.0787

 6.5573, 6.1615,
6.5963

158.5592,
160.5029, 173.7675

 3.2307, 2.9436,
3.1364

195.7089,
198.6302, 215.1299

 1.2769, 1.1023,
1.1647

238.2504,

 0.1658, 0.0000,

242.3626, 262.5846

0.0000

286.5491,
292.0845, 316.5500

0.0000, 0.0000,
0.0000

40.8995, 40.4890,
43.6897

40.8995, 40.4890,
43.6897

36.4696, 33.7188,
35.7700

45.9690, 48.2917,
52.5812

32.6504, 27.9327,
28.7863

51.6988, 57.1621,
62.4735

29.4157, 23.0863,
22.7045

58.1130, 67.1403,
73.3975

26.7360, 19.1297,
17.4871

65.2331, 78.2629,
85.3822

24.5795, 16.0083,
13.0943

71.9516, 88.3079,
98.0789

■ 22.9107, 13.6617,
9.4829

■ 73.8178, 89.0544,
107.9064

■ 21.6897, 12.0211,
6.6054

■ 20.8700, 11.0055,
4.4091

■ 20.3727, 10.4604,
2.8580

Harmonies

Analogous

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



40.6420, 40.4890, 47.2019



40.8995, 40.4890, 43.6897



40.4984, 40.4890, 40.4566

Triad

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



40.8995, 40.4890, 43.6897



37.1946, 40.4890, 38.6531



37.4299, 40.4890, 50.4378

Complementary

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



40.8995, 40.4890, 43.6897



41.4169, 46.1422, 50.4418

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.



36.5368, 40.4890, 47.9255



40.8995, 40.4890, 43.6897



36.4030, 40.4890, 41.1096

Square

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



40.8995, 40.4890, 43.6897



38.3451, 40.4890, 37.6481



36.1647, 40.4890, 44.4840



38.6224, 40.4890, 51.2181

Rectangle

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



40.8995, 40.4890, 43.6897



39.9163, 40.4890, 38.8587



36.1647, 40.4890, 44.4840



37.0856, 40.4890, 49.7615

Sweetspot

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



40.9006, 40.4908, 43.6906



79.6879, 82.4148, 89.5660



41.4232, 40.5867, 51.5502



17.0182, 17.5191, 19.0273



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.9006, 40.4908, 43.6906



71.6346, 70.0386, 75.3805



41.5272, 42.3399, 42.0622



9.0799, 9.0423, 9.7680



13.8941, 7.1314, 2.0630



0.5126, 0.2605, 0.1927

Inverse Universe

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



40.9006, 40.4908, 43.6906



71.6346, 70.0386, 75.3805



40.7282, 44.0990, 52.2648



9.0799, 9.0423, 9.7680



13.8941, 7.1314, 2.0630



0.5126, 0.2605, 0.1927

Previews

White Background



This preview shows how the XYZ color 40.8995, 40.4890, 43.6897 looks on a white background.

Color Contrast Check

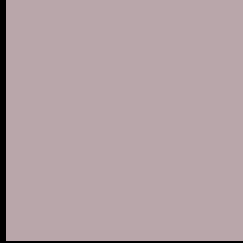
Large Text (above 18pt) WCAG AA × Fail

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 40.8995, 40.4890, 43.6897 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 40.8995, 40.4890, 43.6897

Background



This preview shows how black text looks on a background with the XYZ color 40.8995, 40.4890, 43.6897.



This preview shows how white text looks on a background with the XYZ color 40.8995, 40.4890,

43.6897.

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

40.8995, 40.4890, 43.6897

Protanopia

39.0547, 40.6122, 44.8103

Deuteranopia

41.2043, 40.3773, 43.6521



Tritanopia

41.7407, 40.5637, 47.7491

Trichromacy



Original Color

40.8995, 40.4890, 43.6897

Protanomaly

39.6701, 40.6633, 44.2860

Deuteranomaly

40.9605, 40.2516, 43.6407

Tritanomaly

41.4427, 40.4445, 46.1797

Monochromacy



Original Color

40.8995, 40.4890, 43.6897

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.8569, 41.0368, 44.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8995, 40.4890, 43.6897 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(185, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 170)  
}
```

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(185, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 170) }
```

Border

The CSS property to change the border of an element to XYZ 40.8995, 40.4890, 43.6897 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(185, 166, 170) }
```


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

```
.border{ border-color:rgb(185, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8995, 40.4890, 43.6897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 170) }
```

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

```
.background{ background-color: rgb(185,  
166, 170) }
```

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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