

Converting Colors

XYZ(42.3782, 41.7663, 43.3748)

Have a look what the booklet for
XYZ(42.3782, 41.7663, 43.3748)
contains.

XYZ(42.3993, 41.8170, 43.3729)	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(42.3993, 41.8170,
43.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA8A9
RGB	190, 168, 169
RGB Percent	75%, 66%, 66%
CMY	0.2549, 0.3412, 0.3373
CMYK	0.00, 0.12, 0.11, 0.25
HSL	357°, 14%, 70%
HSV	357°, 12%, 75%
XYZ	42.3993, 41.8170, 43.3729
YIQ	174.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

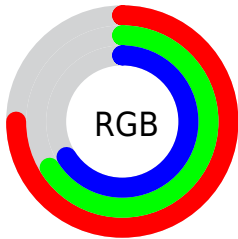
Format	Color
R_{YB}	190, 168, 169
Decimal	12495017
CIE Lab	70.74, 8.14, 2.40
CIE LCh	71, 8.489, 16.436
Yxy	41.8170, 0.3323, 0.3277
Android (android.graphics.Color)	4290685097 (0xFFBEA8A9)
YUV	174.6920, -2.8062, 13.4251
Hunter-Lab	64.6661, 3.8707, 5.4992

Details

The XYZ color **42.3993, 41.8170, 43.3729** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7489, 48.8270, 55.2654**, and the grayscale version is **40.5988, 42.7131, 46.5145**.

A 20% lighter version of the original color is **77.8483, 77.7500, 81.4252**, and **19.6096, 19.0094, 19.4653** is the 20% darker color. If you saturate the color by 10%, you get **37.5583, 34.6735, 33.9325**, and if you desaturate by 10%, it is **47.9915, 50.0838, 54.2303**.

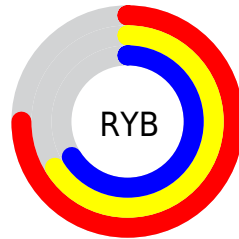
Distribution



Red (75%)

Green (66%)

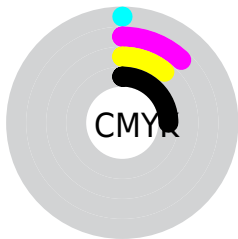
Blue (66%)



Red (75%)

Yellow (66%)

Blue (66%)

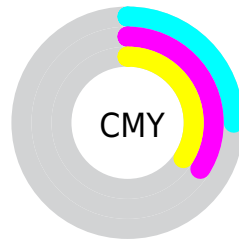


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3993, 41.8170, 43.3729 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 42.3993, 41.8170, 43.3729 by changing the saturation by 10% instead.


 42.3993, 41.8170,
43.3729


 42.3993, 41.8170,
43.3729


347.0991,
353.7238, 376.1093

 29.6066, 28.9580,
29.8442


 78.0650, 77.9226,
81.5657

 19.6867, 19.0491,
19.4693


 101.6686,
101.9380, 107.0668

 12.2745, 11.7057,
11.8297


129.6066,
130.4410, 137.3960

 7.0044, 6.5436,
6.5067

162.2443,
163.8160, 172.9715

 3.5112, 3.1784,
3.0818

199.9470,
202.4474, 214.2121

 1.4295, 1.2256,
1.1366

243.0801,

 0.2771, 0.0824,

246.7195, 261.5362

0.0000

292.0090,
297.0169, 315.3624

■ 0.0000, 0.0000,
0.0000

■ 42.3993, 41.8170,
43.3729

■ 42.3993, 41.8170,
43.3729

■ 37.5583, 34.6735,
33.9325

■ 47.9915, 50.0838,
54.2303

■ 33.4332, 28.5995,
25.8481

■ 54.3612, 59.5135,
66.5569

■ 29.9909, 23.5453,
19.0582

■ 61.5378, 70.1507,
80.4056

■ 27.1948, 19.4550,
13.4957

■ 69.5484, 82.0359,
95.8259

■ 25.0044, 16.2673,
9.0872

■ 75.0454, 89.6873,
107.9638

■ 23.3748, 13.9140,
5.7516

■ 22.2550, 12.3169,
3.3974

■ 21.5845, 11.3834,
1.9176

■ 21.2826, 10.9661,
1.2421

Harmonies

Analogous

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



42.4360, 41.8170, 47.3742



42.3993, 41.8170, 43.3729



41.6408, 41.8170, 40.1415

Triad

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



42.3993, 41.8170, 43.3729



37.8163, 41.8170, 40.3947



39.1143, 41.8170, 53.4920

Complementary

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



42.3993, 41.8170, 43.3729



43.7489, 48.8270, 55.2654

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.



37.9092, 41.8170, 51.3838



42.3993, 41.8170, 43.3729



37.1718, 41.8170, 43.7374

Square

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



42.3993, 41.8170, 43.3729



38.9847, 41.8170, 38.4928



37.2054, 41.8170, 47.7608



40.5167, 41.8170, 53.3801

Rectangle

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



42.3993, 41.8170, 43.3729



40.8379, 41.8170, 38.7883



37.2054, 41.8170, 47.7608



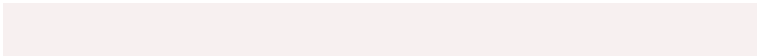
38.6734, 41.8170, 53.0144

Sweetspot

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



42.4005, 41.8189, 43.3738



85.3884, 88.4236, 95.2122



44.2596, 42.5309, 54.5923



18.5619, 19.1380, 20.5418



92.9021, 97.7402, 106.4391



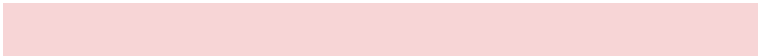
19.4759, 20.4902, 22.3138

Same Dimension

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



42.4005, 41.8189, 43.3738



74.3801, 72.1560, 73.8199



44.2049, 45.5768, 43.5154



9.5472, 9.5432, 10.0047



14.1595, 7.2949, 0.8675



0.5607, 0.2882, 0.0659

Inverse Universe

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



42.4005, 41.8189, 43.3738



74.3801, 72.1560, 73.8199



41.7858, 44.7270, 55.1466



9.5472, 9.5432, 10.0047



14.1595, 7.2949, 0.8675



0.5607, 0.2882, 0.0659

Previews

White Background



This preview shows how the XYZ color 42.3993, 41.8170, 43.3729 looks on a white background.

Color Contrast Check

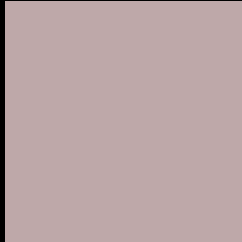
Large Text (above 18pt) WCAG AA × Fail

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 42.3993, 41.8170, 43.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

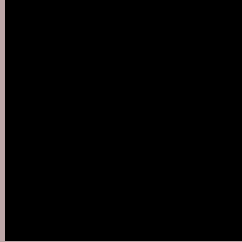
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3993, 41.8170, 43.3729

Background



This preview shows how black text looks on a background with the XYZ color 42.3993, 41.8170, 43.3729.



This preview shows how white text looks on a background with the XYZ color 42.3993, 41.8170,

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

42.3993, 41.8170, 43.3729

Protanopia

40.2347, 41.7924, 44.4742

Deuteranopia

42.4660, 41.5784, 43.3233



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

42.3993, 41.8170, 43.3729

Protanomaly

41.1100, 41.9732, 43.9651

Deuteranomaly

42.4660, 41.5784, 43.3233

Tritanomaly

43.0424, 41.8089, 46.3588

Monochromacy



Original Color

42.3993, 41.8170, 43.3729

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1177, 42.2255, 45.5184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3993, 41.8170, 43.3729 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(190, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 169)  
}
```

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(190, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.3993, 41.8170, 43.3729 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(190, 168, 169) }
```


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

```
.border{ border-color:rgb(190, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 168,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3993, 41.8170, 43.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 169) }
```

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

```
.background{ background-color: rgb(190,  
168, 169) }
```

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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