

Converting Colors

XYZ(42.8710, 42.9920, 42.4534)

Have a look what the booklet for
XYZ(42.8710, 42.9920, 42.4534)
contains.

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Color

**XYZ(42.7732, 42.8630,
42.5782)**

Conversions

Conversions Part 1

Format	Color
Hex	BEABA7
RGB	190, 171, 167
RGB Percent	75%, 67%, 65%
CMY	0.2549, 0.3294, 0.3451
CMYK	0.00, 0.10, 0.12, 0.25
HSL	10°, 15%, 70%
HSV	10°, 12%, 75%
XYZ	42.7732, 42.8630, 42.5782
YIQ	176.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

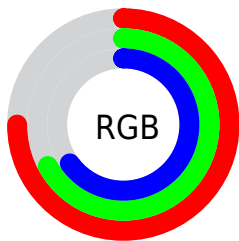
Format	Color
RYB	190, 172, 167
Decimal	12495783
CIELab	71.46, 6.17, 4.54
CIELCh	71, 7.662, 36.365
Yxy	42.8630, 0.3336, 0.3343
Android (android.graphics.Color)	4290685863 (0xFFBEABA7)
YUV	176.2250, -4.5479, 12.0807
Hunter-Lab	65.4698, 2.0466, 7.2697

Details

The XYZ color **42.7732, 42.8630, 42.5782** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7894, 47.0502, 55.5421**, and the grayscale version is **41.4036, 43.5598, 47.4366**.

A 20% lighter version of the original color is **78.3872, 79.2595, 80.2744**, and **19.8447, 19.6657, 18.9696** is the 20% darker color. If you saturate the color by 10%, you get **38.3541, 36.6320, 33.0666**, and if you desaturate by 10%, it is **47.8047, 49.9049, 53.5681**.

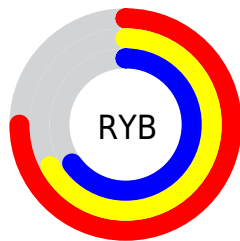
Distribution



Red (75%)

Green (67%)

Blue (65%)



Red (75%)

Yellow (67%)

Blue (65%)

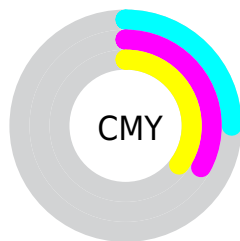


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7732, 42.8630, 42.5782 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 42.7732, 42.8630, 42.5782 by changing the saturation by 10% instead.


 42.7732, 42.8630,
42.5782


 42.7732, 42.8630,
42.5782


348.6156,
358.0481, 372.7444

 29.9010, 29.7776,
29.2254


 78.6263, 79.5041,
80.3535

 19.9111, 19.6699,
19.0043


 102.3380,
103.8286, 105.6130

 12.4383, 12.1553,
11.4966


130.3934,
132.6683, 135.6785

 7.1173, 6.8495,
6.2835

163.1580,
166.4075, 170.9685

 3.5825, 3.3682,
2.9467

200.9972,
205.4307, 211.9015

 1.4688, 1.3268,
1.0675

244.2763,

 0.3044, 0.1618,

250.1223, 258.8961

0.0000

293.3606,
300.8666, 312.3709

■ 0.0000, 0.0000,
0.0000

■ 42.7732, 42.8630,
42.5782

■ 42.7732, 42.8630,
42.5782

■ 38.3541, 36.6320,
33.0666

■ 47.8047, 49.9049,
53.5681

■ 34.5204, 31.1772,
24.9676

■ 53.4673, 57.7796,
66.0931

■ 31.2483, 26.4698,
18.2143

■ 59.7832, 66.5152,
80.2099

■ 28.5110, 22.4770,
12.7335

■ 66.7725, 76.1367,
95.9719

■ 26.2793, 19.1634,
8.4449

■ 73.3063, 86.2090,
107.3841

■ 24.5213, 16.4907,
5.2589

■ 75.0454, 89.6873,
107.9638

■ 23.2012, 14.4168,
3.0733

■ 22.2778, 12.8939,
1.7666

■ 21.7813, 12.0390,
1.1758

Harmonies

Analogous

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



43.2589, 42.8630, 45.8863



42.7732, 42.8630, 42.5782



41.7440, 42.8630, 40.4518

Triad

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



42.7732, 42.8630, 42.5782



38.5064, 42.8630, 43.8761



41.0160, 42.8630, 54.1038

Complementary

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



42.7732, 42.8630, 42.5782



42.7894, 47.0502, 55.5421

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.



39.7522, 42.8630, 53.4959



42.7732, 42.8630, 42.5782



38.3208, 42.8630, 47.4636

Square

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



42.7732, 42.8630, 42.5782



39.2848, 42.8630, 41.1730



38.7723, 42.8630, 51.0170



42.2307, 42.8630, 52.6368

Rectangle

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



42.7732, 42.8630, 42.5782



40.8977, 42.8630, 39.9247



38.7723, 42.8630, 51.0170



40.5827, 42.8630, 54.1364

Sweetspot

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



42.7744, 42.8649, 42.5791



84.7528, 87.8164, 92.9538



43.9351, 42.1375, 52.3656



18.4533, 19.0635, 20.0663



92.9021, 97.7402, 106.4391



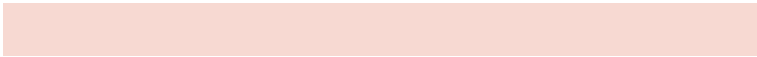
19.4759, 20.4902, 22.3138

Same Dimension

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



42.7744, 42.8649, 42.5791



74.8821, 73.9774, 71.4669



45.0071, 47.3304, 43.3234



9.6608, 9.7977, 9.9586



14.5242, 8.0871, 0.7955



0.6109, 0.4008, 0.0452

Inverse Universe

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



42.7894, 47.0502, 55.5421



74.9147, 83.3216, 100.4134



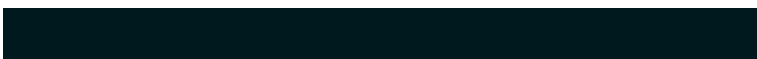
40.4964, 42.4642, 54.7778



9.6635, 10.5193, 12.1933



14.2403, 18.5923, 35.2310



0.5956, 0.8039, 1.3926

Previews

White Background



This preview shows how the XYZ color 42.7732, 42.8630, 42.5782 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 42.7732, 42.8630, 42.5782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

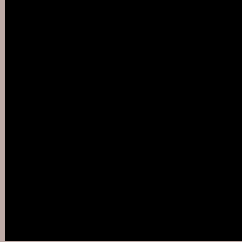
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7732, 42.8630, 42.5782

Background



This preview shows how black text looks on a background with the XYZ color 42.7732, 42.8630, 42.5782.



This preview shows how white text looks on a background with the XYZ color 42.7732, 42.8630,

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

42.7732, 42.8630, 42.5782

Protanopia

41.1199, 42.8400, 43.6378

Deuteranopia

43.6687, 42.7681, 42.5127



Tritanopia

44.3697, 42.9598, 50.2095

Trichromacy



Original Color

42.7732, 42.8630, 42.5782

Protanomaly

41.7786, 42.9046, 43.1252

Deuteranomaly

43.3421, 42.8769, 42.5509

Tritanomaly

43.7964, 43.0001, 47.5865

Monochromacy



Original Color

42.7732, 42.8630, 42.5782

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.7349, 43.1130, 45.6571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7732, 42.8630, 42.5782 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, 171, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 167)  
}
```

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, 171, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.7732, 42.8630, 42.5782 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, 171, 167) }
```


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

```
.border{ border-color:rgb(190, 171, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 171, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(190, 171,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7732, 42.8630, 42.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 167) }
```

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

```
.background{ background-color: rgb(190,  
171, 167) }
```

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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