

Converting Colors

XYZ(42.8972, 41.7353, 46.9225)

Have a look what the booklet for
XYZ(42.8972, 41.7353, 46.9225)
contains.

XYZ(42.8904, 41.7192, 46.8663)	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(42.8904, 41.7192,
46.8663)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA7B0
RGB	190, 167, 176
RGB Percent	75%, 65%, 69%
CMY	0.2549, 0.3451, 0.3098
CMYK	0.00, 0.12, 0.07, 0.25
HSL	337°, 15%, 70%
HSV	337°, 12%, 75%
XYZ	42.8904, 41.7192, 46.8663
YIQ	174.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

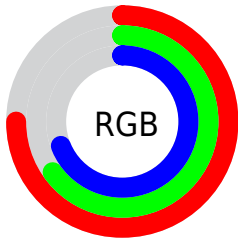
Format	Color
R_{YB}	190, 167, 176
Decimal	12494768
CIE _{Lab}	70.68, 9.90, -1.56
CIE _{LCh}	71, 10.026, 351.025
Yxy	41.7192, 0.3262, 0.3173
Android (android.graphics.Color)	4290684848 (0xFFBEA7B0)
YUV	174.9030, 0.5408, 13.2401
Hunter-Lab	64.5904, 5.4974, 2.1929

Details

The XYZ color **42.8904, 41.7192, 46.8663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6919, 48.3797, 50.8066**, and the grayscale version is **40.6918, 42.8109, 46.6211**.

A 20% lighter version of the original color is **78.6928, 77.6616, 87.1866**, and **20.0854, 19.0351, 21.6843** is the 20% darker color. If you saturate the color by 10%, you get **38.5662, 34.8246, 40.0170**, and if you desaturate by 10%, it is **47.8259, 49.6793, 54.4016**.

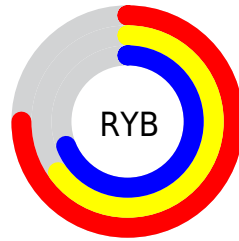
Distribution



Red (75%)

Green (65%)

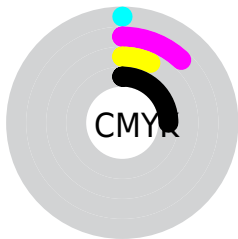
Blue (69%)



Red (75%)

Yellow (65%)

Blue (69%)

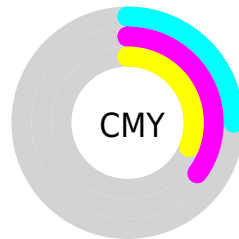


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8904, 41.7192, 46.8663 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 42.8904, 41.7192, 46.8663 by changing the saturation by 10% instead.

■ 42.8904, 41.7192,
46.8663

■ 42.8904, 41.7192,
46.8663

349.0900,
353.3176, 390.6589

■ 29.9933, 28.8815,
32.5764

■ 78.8022, 77.7745,
86.8619

■ 19.9815, 18.9912,
21.5337

■ 102.5476,
101.7608, 113.4047

■ 12.4898, 11.6639,
13.3196

130.6397,
130.2321, 144.8688

■ 7.1527, 6.5153,
7.5157

163.4441,
163.5729, 181.6729

■ 3.6050, 3.1608,
3.7034

201.3259,
202.1674, 224.2353

■ 1.4812, 1.2163,
1.4641

244.6506,

■ 0.3130, 0.0749,

246.4001, 272.9748

0.1909

293.7835,
296.6554, 328.3098

■ 0.0000, 0.0000,
0.0000

■ 42.8904, 41.7192,
46.8663

■ 42.8904, 41.7192,
46.8663

■ 38.5662, 34.8246,
40.0170

■ 47.8259, 49.6793,
54.4016

■ 34.8251, 28.9445,
33.8308

■ 53.3924, 58.7420,
62.6394

■ 31.6419, 24.0321,
28.2875

■ 59.6130, 68.9494,
71.5990

■ 28.9883, 20.0347,
23.3645

■ 66.5085, 80.3398,
81.2983

■ 26.8330, 16.8945,
19.0380

■ 71.8232, 88.3984,
90.9957

■ 25.1415, 14.5470,
15.2823

■ 73.5385, 89.0845,
100.0284

■ 23.8746, 12.9184,
12.0693

■ 75.0454, 89.6873,
107.9638

■ 22.9857, 11.9208,
9.3675

■ 22.4826, 11.4462,
7.5615

Harmonies

Analogous

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



42.1868, 41.7192, 51.4216



42.8904, 41.7192, 46.8663



42.7079, 41.7192, 42.2233

Triad

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



42.8904, 41.7192, 46.8663



38.5185, 41.7192, 37.4145



37.6787, 41.7192, 52.9099

Complementary

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



42.8904, 41.7192, 46.8663



42.6919, 48.3797, 50.8066

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.



36.7471, 41.7192, 48.7849



42.8904, 41.7192, 46.8663



37.2225, 41.7192, 39.9139

Square

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



42.8904, 41.7192, 46.8663



40.1529, 41.7192, 36.9797



36.5825, 41.7192, 44.0138



39.1569, 41.7192, 55.0674

Rectangle

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



42.8904, 41.7192, 46.8663



42.1103, 41.7192, 39.6844



36.5825, 41.7192, 44.0138



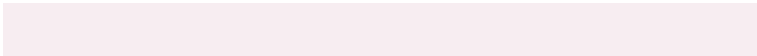
37.2929, 41.7192, 51.6944

Sweetspot

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



42.8916, 41.7210, 46.8672



84.8237, 87.0410, 95.8051



42.1237, 41.1568, 54.4396



18.4718, 18.8632, 20.8037



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.



42.8916, 41.7210, 46.8672



75.1473, 71.4766, 80.9001



42.4556, 42.2267, 42.4744



9.6806, 9.5965, 10.7068



14.9856, 7.6254, 5.2180



0.6193, 0.3116, 0.3744

Inverse Universe

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



42.8916, 41.7210, 46.8672



75.1473, 71.4766, 80.9001



43.1512, 47.7727, 55.6625



9.6806, 9.5965, 10.7068



14.9856, 7.6254, 5.2180



0.6193, 0.3116, 0.3744

Previews

White Background



This preview shows how the XYZ color 42.8904, 41.7192, 46.8663 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 42.8904, 41.7192, 46.8663 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 42.8904, 41.7192, 46.8663

Background



This preview shows how black text looks on a background with the XYZ color 42.8904, 41.7192, 46.8663.



This preview shows how white text looks on a background with the XYZ color 42.8904, 41.7192,

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

42.8904, 41.7192, 46.8663

Protanopia

40.3448, 41.7584, 48.5816

Deuteranopia

42.5781, 41.8312, 46.9044



Tritanopia

43.0081, 41.4743, 48.3864

Trichromacy



Original Color

42.8904, 41.7192, 46.8663

Protanomaly

41.2330, 41.6671, 47.9888

Deuteranomaly

42.8254, 41.9587, 46.9160

Tritanomaly

42.9073, 41.4339, 47.8556

Monochromacy



Original Color

42.8904, 41.7192, 46.8663

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3128, 42.3035, 46.5454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8904, 41.7192, 46.8663 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, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 176)  
}
```

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, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.8904, 41.7192, 46.8663 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, 167, 176) }
```


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

```
.border{ border-color:rgb(190, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8904, 41.7192, 46.8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 176) }
```

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

```
.background{ background-color: rgb(190,  
167, 176) }
```

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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