

Converting Colors

XYZ(42.7397, 44.4195, 48.1771)

Have a look what the booklet for
XYZ(42.7397, 44.4195, 48.1771)
contains.

XYZ(42.7140, 44.4424, 47.9219)	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(42.7140, 44.4424,
47.9219)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B1B1
RGB	181, 177, 177
RGB Percent	71%, 69%, 69%
CMY	0.2902, 0.3059, 0.3059
CMYK	0.00, 0.02, 0.02, 0.29
HSL	0°, 3%, 70%
HSV	0°, 2%, 71%
XYZ	42.7140, 44.4424, 47.9219
YIQ	178.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

Format	Color
RYB	181, 177, 177
Decimal	11907505
CIELab	72.52, 1.42, 0.49
CIElCh	73, 1.502, 19.201
Yxy	44.4424, 0.3162, 0.3290
Android (android.graphics.Color)	4290097585 (0xFFB5B1B1)
YUV	178.1960, -0.5896, 2.4591
Hunter-Lab	66.6651, -2.2946, 4.0453

Details

The XYZ color **42.7140, 44.4424, 47.9219** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9957, 45.7303, 50.2773**, and the grayscale version is **42.4239, 44.6332, 48.6056**.

A 20% lighter version of the original color is **78.7719, 82.1655, 88.7986**, and **19.7478, 20.4597, 21.9771** is the 20% darker color. If you saturate the color by 10%, you get **37.6900, 37.0923, 37.9289**, and if you desaturate by 10%, it is **48.4532, 52.8389, 59.3350**.

Distribution



Red (71%)

Green (69%)

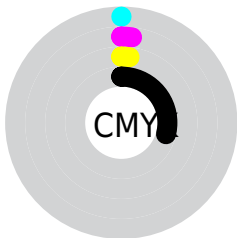
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

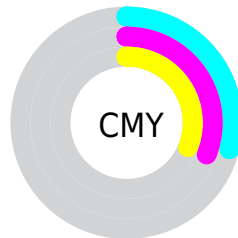


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7140, 44.4424, 47.9219 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 42.7140, 44.4424, 47.9219 by changing the saturation by 10% instead.

■ 42.7140, 44.4424,
47.9219

■ 42.7140, 44.4424,
47.9219

348.3758,
364.5105, 394.9823

■ 29.8543, 31.0185,
33.4055

■ 78.5375, 81.8830,
88.4524

■ 19.8756, 20.6129,
22.1636

102.2320,
106.6685, 115.3037

■ 12.4124, 12.8413,
13.7777

130.2689,
136.0100, 147.1036

■ 7.0994, 7.3194,
7.8292

163.0135,
170.2918, 184.2707

■ 3.5712, 3.6626,
3.8997

200.8311,
209.8983, 227.2236

■ 1.4625, 1.4867,
1.5705

244.0871,

■ 0.3001, 0.2793,

255.2141, 276.3808

0.2696

293.1469,
306.6233, 332.1608

0.0000, 0.0000,
0.0000

42.7140, 44.4424,
47.9219

42.7140, 44.4424,
47.9219

37.6900, 37.0923,
37.9289

48.4532, 52.8389,
59.3350

33.3497, 30.7421,
29.2978

54.9303, 62.3145,
72.2177

29.6647, 25.3503,
21.9705

62.1713, 72.9076,
86.6205

26.6031, 20.8706,
15.8836

70.2001, 84.6529,
102.5910

24.1305, 17.2524,
10.9685

72.8663, 88.5639,
107.8618

■ 22.2091, 14.4405,
7.1499

■ 20.7967, 12.3732,
4.3439

■ 19.8450, 10.9799,
2.4542

■ 19.2965, 10.1764,
1.3662

Harmonies

Analogous

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



42.7331, 44.4424, 48.6584



42.7140, 44.4424, 47.9219



42.5679, 44.4424, 47.3168

Triad

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



42.7140, 44.4424, 47.9219



41.8647, 44.4424, 47.4627



42.1478, 44.4424, 49.8071

Complementary

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



42.7140, 44.4424, 47.9219



42.9957, 45.7303, 50.2773

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.



41.9161, 44.4424, 49.4798



42.7140, 44.4424, 47.9219



41.7531, 44.4424, 48.1230

Square

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



42.7140, 44.4424, 47.9219



42.0773, 44.4424, 47.0536



41.7718, 44.4424, 48.8616



42.4054, 44.4424, 49.7519

Rectangle

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



42.7140, 44.4424, 47.9219



42.4185, 44.4424, 47.0670



41.7718, 44.4424, 48.8616



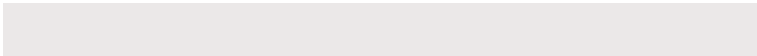
42.0643, 44.4424, 49.7380

Sweetspot

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



42.7153, 44.4443, 47.9229



77.6593, 81.2922, 88.1311



43.1193, 44.6049, 50.0536



16.7964, 17.5869, 19.0711



86.6293, 91.1408, 99.2523



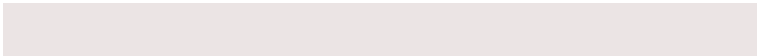
17.0014, 17.8868, 19.4787

Same Dimension

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



42.7153, 44.4443, 47.9229



75.6965, 78.4206, 84.2275



43.1125, 45.2389, 48.0553



9.1132, 9.4080, 10.0723



13.1383, 6.7751, 0.6153



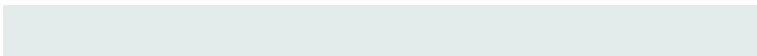
0.4136, 0.2135, 0.0194

Inverse Universe

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



42.9957, 45.7303, 50.2773



76.3860, 81.5820, 90.0155



42.5926, 44.9241, 50.1430



9.2150, 9.8747, 10.9267



17.1200, 25.0405, 34.0680



0.5389, 0.7883, 1.0720

Previews

White Background



This preview shows how the XYZ color 42.7140, 44.4424, 47.9219 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 42.7140, 44.4424, 47.9219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

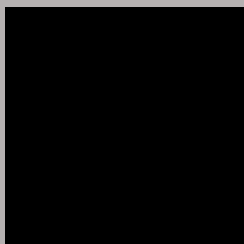
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

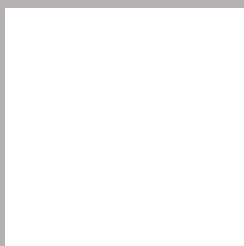
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7140, 44.4424, 47.9219

Background



This preview shows how black text looks on a background with the XYZ color 42.7140, 44.4424, 47.9219.

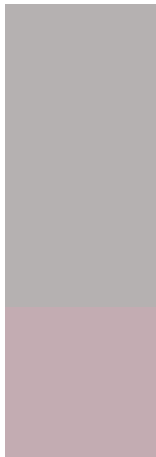


This preview shows how white text looks on a background with the XYZ color 42.7140, 44.4424,

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

42.7140, 44.4424, 47.9219

Protanopia

42.7140, 44.4424, 47.9219

Deuteranopia

45.2941, 44.3215, 48.2871



Tritanopia

44.0437, 44.4013, 54.3931

Trichromacy



Original Color

42.7140, 44.4424, 47.9219

Protanomaly

42.7140, 44.4424, 47.9219

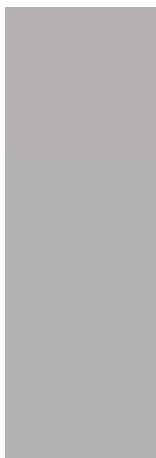
Deuteranomaly

44.4071, 44.4336, 48.3555

Tritanomaly

43.5737, 44.4985, 52.1914

Monochromacy



Original Color

42.7140, 44.4424, 47.9219

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.5467, 44.6388, 48.4932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7140, 44.4424, 47.9219 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(181, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 177)  
}
```

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(181, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.7140, 44.4424, 47.9219 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(181, 177, 177) }
```


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

```
.border{ border-color:rgb(181, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7140, 44.4424, 47.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 177) }
```

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

```
.background{ background-color: rgb(181,  
177, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor