

Converting Colors

XYZ(42.0638, 43.8798, 47.2127)

Have a look what the booklet for
XYZ(42.0638, 43.8798, 47.2127)
contains.

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Color

**XYZ(41.9522, 43.7690,
47.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B0B0
RGB	179, 176, 176
RGB Percent	70%, 69%, 69%
CMY	0.2980, 0.3098, 0.3098
CMYK	0.00, 0.02, 0.02, 0.30
HSL	0°, 2%, 70%
HSV	0°, 2%, 70%
XYZ	41.9522, 43.7690, 47.3114
YIQ	176.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

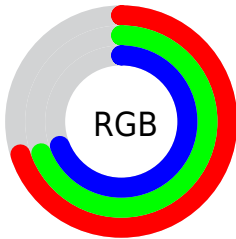
Format	Color
RYB	179, 176, 176
Decimal	11776176
CIELab	72.07, 1.06, 0.37
CIELCh	72, 1.127, 19.061
Yxy	43.7690, 0.3154, 0.3290
Android (android.graphics.Color)	4289966256 (0xFFB3B0B0)
YUV	176.8970, -0.4422, 1.8443
Hunter-Lab	66.1581, -2.5863, 3.9109

Details

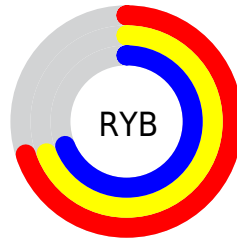
The XYZ color **41.9522, 43.7690, 47.3114** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1612, 44.7242, 49.0589**, and the grayscale version is **41.7385, 43.9122, 47.8204**.

A 20% lighter version of the original color is **77.6831, 81.2016, 87.9231**, and **19.4499, 20.3062, 21.9631** is the 20% darker color. If you saturate the color by 10%, you get **37.0189, 36.5520, 37.4975**, and if you desaturate by 10%, it is **47.5833, 52.0068, 58.5112**.

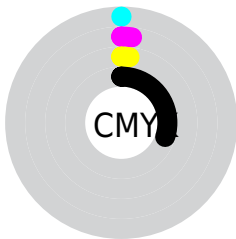
Distribution



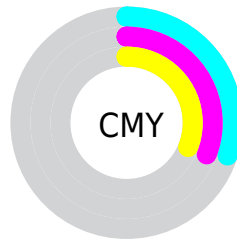
- Red (70%)
- Green (69%)
- Blue (69%)



- Red (70%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9522, 43.7690, 47.3114 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 41.9522, 43.7690, 47.3114 by changing the saturation by 10% instead.

■ 41.9522, 43.7690,
47.3114

■ 41.9522, 43.7690,
47.3114

345.2797,
361.7648, 392.4858

■ 29.2548, 30.4889,
32.9258

■ 77.3929, 80.8700,
87.5331

■ 19.4189, 20.2100,
21.7989

100.8669,
105.4598, 114.2063

■ 12.0792, 12.5478,
13.5123

128.6638,
134.5883, 145.8124

■ 6.8702, 7.1179,
7.6474

161.1491,
168.6398, 182.7700

■ 3.4267, 3.5359,
3.7857

198.6879,
207.9988, 225.4976

■ 1.3832, 1.4175,
1.5085

241.6457,

■ 0.2442, 0.2296,

253.0498, 274.4137

0.2243

290.3879,
304.1769, 329.9370

0.0000, 0.0000,
0.0000

41.9522, 43.7690,
47.3114

41.9522, 43.7690,
47.3114

37.0189, 36.5520,
37.4975

47.5833, 52.0068,
58.5112

32.7528, 30.3107,
29.0130

53.9341, 61.2969,
71.1449

29.1264, 25.0049,
21.8016

61.0299, 71.6768,
85.2617

26.1088, 20.5896,
15.8018

68.8940, 83.1800,
100.9075

23.6667, 17.0161,
10.9473

72.4006, 88.3238,
107.8400

■ 21.7635, 14.2307,
7.1652

■ 20.3585, 12.1741,
4.3743

■ 19.4052, 10.7781,
2.4818

■ 18.8481, 9.9620,
1.3777

Harmonies

Analogous

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



41.9659, 43.7690, 47.8586



41.9522, 43.7690, 47.3114



41.8443, 43.7690, 46.8601

Triad

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



41.9522, 43.7690, 47.3114



41.3219, 43.7690, 46.9653



41.5309, 43.7690, 48.7061

Complementary

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



41.9522, 43.7690, 47.3114



42.1612, 44.7242, 49.0589

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.



41.3589, 43.7690, 48.4628



41.9522, 43.7690, 47.3114



41.2385, 43.7690, 47.4560

Square

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



41.9522, 43.7690, 47.3114



41.4803, 43.7690, 46.6614



41.2520, 43.7690, 48.0043



41.7222, 43.7690, 48.6667

Rectangle

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



41.9522, 43.7690, 47.3114



41.7336, 43.7690, 46.6731



41.2520, 43.7690, 48.0043



41.4689, 43.7690, 48.6546

Sweetspot

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



41.9534, 43.7709, 47.3124



75.7622, 79.3068, 85.9785



42.2530, 43.8897, 48.8929



16.7965, 17.5870, 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.



41.9534, 43.7709, 47.3124



74.7991, 77.8978, 84.0628



42.2485, 44.3611, 47.4107



9.3293, 9.7242, 10.5020



13.1387, 6.7760, 0.6154



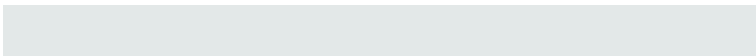
0.4136, 0.2137, 0.0194

Inverse Universe

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



42.1612, 44.7242, 49.0589



75.2496, 79.9650, 87.8499



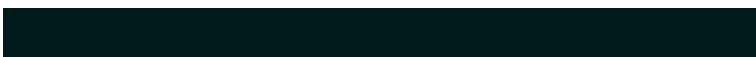
41.8628, 44.1276, 48.9594



9.3808, 9.9603, 10.9344



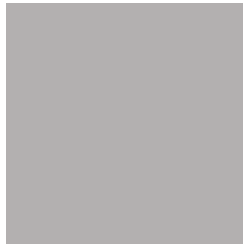
17.1134, 25.0271, 34.0657



0.5387, 0.7880, 1.0719

Previews

White Background



This preview shows how the XYZ color 41.9522, 43.7690, 47.3114 looks on a white background.

Color Contrast Check

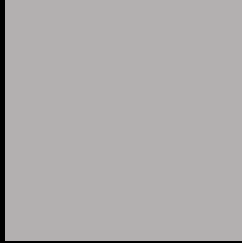
Large Text (above 18pt) WCAG AA × Fail

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 41.9522, 43.7690, 47.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

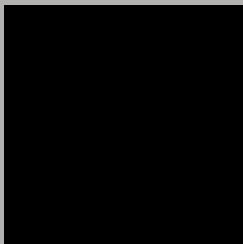
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

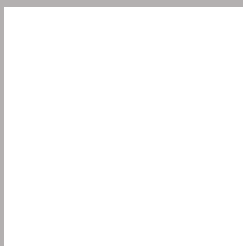
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9522, 43.7690, 47.3114

Background



This preview shows how black text looks on a background with the XYZ color 41.9522, 43.7690, 47.3114.

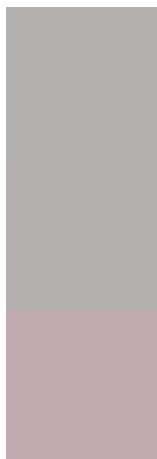


This preview shows how white text looks on a background with the XYZ color 41.9522, 43.7690,

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

41.9522, 43.7690, 47.3114

Protanopia

42.1842, 43.8886, 47.3223

Deuteranopia

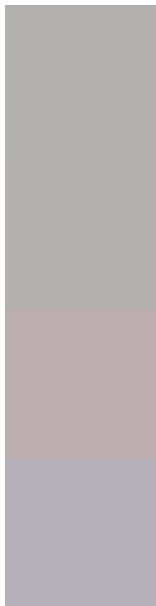
44.4910, 43.6376, 47.6729



Tritanopia

43.2692, 43.7267, 53.7365

Trichromacy



Original Color

41.9522, 43.7690, 47.3114

Protanomaly

42.1842, 43.8886, 47.3223

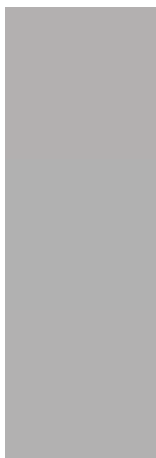
Deuteranomaly

43.6184, 43.7528, 47.7412

Tritanomaly

42.8041, 43.8239, 51.5502

Monochromacy



Original Color

41.9522, 43.7690, 47.3114

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0180, 44.0836, 47.8894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9522, 43.7690, 47.3114 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(179, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 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(179, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.9522, 43.7690, 47.3114 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(179, 176, 176) }
```


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

```
.border{ border-color:rgb(179, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 176, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 176, 176); box-shadow:4px 4px 4px 4px rgb(179, 176, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9522, 43.7690, 47.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 176) }
```

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

```
.background{ background-color: rgb(179,  
176, 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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