

Converting Colors

XYZ(41.9876, 44.8650, 38.8167)

Have a look what the booklet for
XYZ(41.9876, 44.8650, 38.8167)
contains.

XYZ(42.0588, 44.8992, 38.7974)	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(42.0588, 44.8992,
38.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B39E
RGB	184, 179, 158
RGB Percent	72%, 70%, 62%
CMY	0.2784, 0.2980, 0.3804
CMYK	0.00, 0.03, 0.14, 0.28
HSL	48°, 15%, 67%
HSV	48°, 14%, 72%
XYZ	42.0588, 44.8992, 38.7974
YIQ	178.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

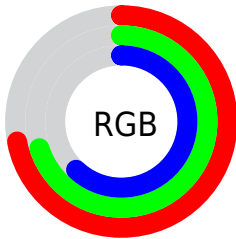
Format	Color
RYB	164, 184, 158
Decimal	12104606
CIELab	72.83, -1.85, 11.36
CIElCh	73, 11.508, 99.265
Yxy	44.8992, 0.3344, 0.3570
Android (android.graphics.Color)	4290294686 (0xFFB8B39E)
YUV	178.1010, -9.9098, 5.1734
Hunter-Lab	67.0069, -5.2213, 12.5755

Details

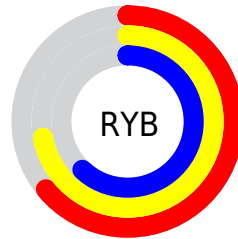
The XYZ color **42.0588, 44.8992, 38.7974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **35.8493, 36.9233, 50.5851**, and the grayscale version is **42.4186, 44.6276, 48.5995**.

A 20% lighter version of the original color is **77.6538, 82.7460, 74.8296**, and **19.4748, 20.8085, 16.8999** is the 20% darker color. If you saturate the color by 10%, you get **39.8930, 42.9150, 30.8379**, and if you desaturate by 10%, it is **44.4824, 47.0186, 48.0139**.

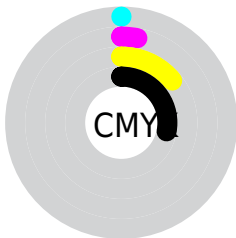
Distribution



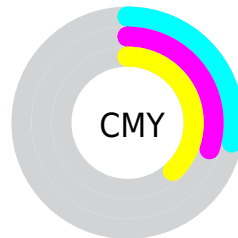
- Red (72%)
- Green (70%)
- Blue (62%)



- Red (64%)
- Yellow (72%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0588, 44.8992, 38.7974 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 42.0588, 44.8992, 38.7974 by changing the saturation by 10% instead.

■ 42.0588, 44.8992,
38.7974

■ 42.0588, 44.8992,
38.7974

345.7141,
366.3652, 356.4286

■ 29.3386, 31.3780,
26.2955

■ 77.5532, 82.5691,
74.5456

■ 19.4827, 20.8869,
16.8171

■ 101.0582,
107.4867, 98.6291

■ 12.1257, 13.0413,
9.9436

128.8888,
136.9718, 127.4102

■ 6.9021, 7.4570,
5.2565

161.4104,
171.4090, 161.3074

■ 3.4468, 3.7495,
2.3372

198.9884,
211.1825, 200.7393

■ 1.3942, 1.5345,
0.7519

241.9881,

■ 0.2521, 0.3128,

256.6767, 246.1244

0.0000

290.7749,
308.2762, 297.8813

■ 0.0000, 0.0000,
0.0000

■ 42.0588, 44.8992,
38.7974

■ 42.0588, 44.8992,
38.7974

■ 39.8930, 42.9150,
30.8379

■ 44.4824, 47.0186,
48.0139

■ 37.9707, 41.0556,
24.0772

■ 47.1701, 49.2714,
58.5363

■ 36.2817, 39.3181,
18.4566

■ 50.1325, 51.6636,
70.4148

■ 34.8136, 37.6975,
13.9116

■ 53.3787, 54.1990,
83.6956

■ 33.5527, 36.1879,
10.3710

■ 56.9171, 56.8812,
98.4231

■ 32.4839, 34.7831,
7.7551

■ 58.5222, 58.8201,
102.8767

■ 31.5894, 33.4758,
5.9720

■ 59.3517, 60.4792,
103.1532

■ 30.8482, 32.2573,
4.9110

■ 60.2003, 62.1764,
103.4361

■ 30.4586, 31.5730,
4.4889

■ 61.0681, 63.9120,
103.7254

Harmonies

Analogous

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



44.0523, 44.8992, 39.2881



42.0588, 44.8992, 38.7974



40.2859, 44.8992, 40.8418

Triad

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



42.0588, 44.8992, 38.7974



39.7648, 44.8992, 56.1996



46.3763, 44.8992, 52.8942

Complementary

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



42.0588, 44.8992, 38.7974



35.8493, 36.9233, 50.5851

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.



45.1575, 44.8992, 57.9262



42.0588, 44.8992, 38.7974



41.3274, 44.8992, 59.9357

Square

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



42.0588, 44.8992, 38.7974



38.9890, 44.8992, 50.6835



43.2979, 44.8992, 60.5911



46.5870, 44.8992, 47.1347

Rectangle

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



42.0588, 44.8992, 38.7974



39.4525, 44.8992, 43.4688



43.2979, 44.8992, 60.5911



46.0691, 44.8992, 54.7390

Sweetspot

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



42.0600, 44.9012, 38.7984



80.6652, 85.2585, 87.1504



38.6233, 37.2962, 39.9081



17.3151, 18.3160, 18.4998



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.0600, 44.9012, 38.7984



74.9566, 80.2341, 65.5391



41.2622, 46.0034, 39.0532



9.5996, 10.2021, 9.5702



21.0409, 21.8582, 3.1101



0.7799, 0.8470, 0.1224

Inverse Universe

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



35.8493, 36.9233, 50.5851



61.4836, 62.9284, 91.1105



36.5631, 36.0004, 50.3694



8.6571, 8.9914, 11.3587



6.4242, 3.3080, 31.5530



0.2687, 0.2011, 1.1264

Previews

White Background



This preview shows how the XYZ color 42.0588, 44.8992, 38.7974 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 42.0588, 44.8992, 38.7974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

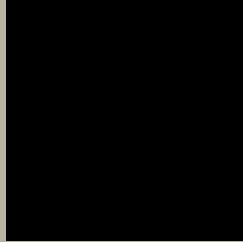
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

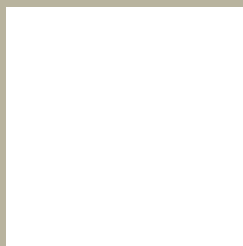
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0588, 44.8992, 38.7974

Background



This preview shows how black text looks on a background with the XYZ color 42.0588, 44.8992, 38.7974.



This preview shows how white text looks on a background with the XYZ color 42.0588, 44.8992,

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

42.0588, 44.8992, 38.7974

Protanopia

42.5855, 44.8742, 38.7648

Deuteranopia

45.6391, 44.7048, 39.0243



Tritanopia

45.1461, 44.9822, 53.8799

Trichromacy



Original Color

42.0588, 44.8992, 38.7974

Protanomaly

42.3416, 44.7485, 38.7534

Deuteranomaly

44.3529, 44.8989, 39.1296

Tritanomaly

43.9547, 44.7898, 47.9236

Monochromacy



Original Color

42.0588, 44.8992, 38.7974

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.0935, 44.4844, 44.8959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0588, 44.8992, 38.7974 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(184, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(184, 179, 158)  
}
```

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(184, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 179, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.0588, 44.8992, 38.7974 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(184, 179, 158) }
```


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

```
.border{ border-color:rgb(184, 179, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 179, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 179, 158);  
box-shadow:4px 4px 4px 4px rgb(184, 179,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0588, 44.8992, 38.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 179, 158) }
```

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

```
.background{ background-color: rgb(184,  
179, 158) }
```

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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