

Converting Colors

XYZ(42.7198, 48.2781, 38.5073)

Have a look what the booklet for
XYZ(42.7198, 48.2781, 38.5073)
contains.

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Color

**XYZ(42.7888, 48.3792,
38.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BD9C
RGB	179, 189, 156
RGB Percent	70%, 74%, 61%
CMY	0.2980, 0.2588, 0.3882
CMYK	0.05, 0.00, 0.17, 0.26
HSL	78°, 20%, 68%
HSV	78°, 17%, 74%
XYZ	42.7888, 48.3792, 38.5354
YIQ	182.2480, 4.6330, -12.3830

Conversions

Conversions Part 2

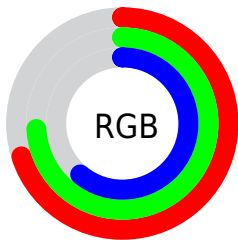
Format	Color
RYB	156, 189, 166
Decimal	11779484
CIELab	75.06, -9.31, 15.54
CIELCh	75, 18.111, 120.925
Yxy	48.3792, 0.3299, 0.3730
Android (android.graphics.Color)	4289969564 (0xFFB3BD9C)
YUV	182.2480, -12.9403, -2.8485
Hunter-Lab	69.5552, -11.9123, 15.8404

Details

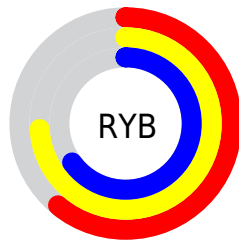
The XYZ color **42.7888, 48.3792, 38.5354** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8015, 35.5593, 53.0707**, and the grayscale version is **44.6662, 46.9924, 51.1747**.

A 20% lighter version of the original color is **78.6712, 87.6701, 74.4036**, and **19.9581, 23.0639, 16.7645** is the 20% darker color. If you saturate the color by 10%, you get **40.0150, 47.1215, 30.6913**, and if you desaturate by 10%, it is **45.8693, 49.7692, 47.6959**.

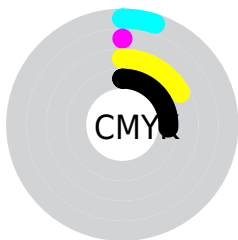
Distribution



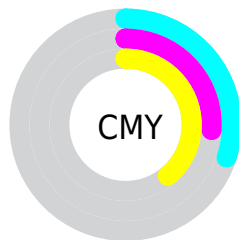
- Red (70%)
- Green (74%)
- Blue (61%)



- Red (61%)
- Yellow (74%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (26%)





- Cyan (30%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7888, 48.3792, 38.5354 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 42.7888, 48.3792, 38.5354 by changing the saturation by 10% instead.


 42.7888, 48.3792,
38.5354


 42.7888, 48.3792,
38.5354


348.6787,
380.2932, 355.2780

 29.9132, 34.1273,
26.0934

 78.6498, 87.7687,
74.1405

 19.9205, 22.9914,
16.6672

 102.3659,
113.6751, 98.1408

 12.4452, 14.5872,
9.8380


130.4262,
144.2351, 126.8309

 7.1220, 8.5302,
5.1875

163.1961,
179.8332, 160.6294

 3.5855, 4.4360,
2.2970

201.0410,
220.8536, 199.9548

 1.4704, 1.9203,
0.7296

244.3261,

 0.3056, 0.5606,

267.6808, 245.2256

0.0000

293.4169,
320.6992, 296.8605

■ 0.0000, 0.0000,
0.0000

■ 42.7888, 48.3792,
38.5354

■ 42.7888, 48.3792,
38.5354

■ 40.0150, 47.1215,
30.6913

■ 45.8693, 49.7692,
47.6959

■ 37.5319, 45.9847,
24.0999

■ 49.2640, 51.2896,
58.2261

■ 35.3277, 44.9657,
18.6971


■ 52.9850, 52.9471,
70.1805


■ 33.3882, 44.0587,
14.4115


■ 57.0424, 54.7458,
83.6094


■ 31.6977, 43.2574,
11.1646


■ 61.4459, 56.6895,
98.5609

 30.2388, 42.5546,
8.8672


 63.7979, 57.8194,
102.4055


 28.9908, 41.9421,
7.4154

 65.4931, 58.6933,
102.4848

 27.9245, 41.4080,
6.6585

 67.2477, 59.5978,
102.5669

 27.6698, 41.2797,
6.5094

 69.0621, 60.5332,
102.6518

Harmonies

Analogous

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



45.8803, 48.3792, 36.4714



42.7888, 48.3792, 38.5354



40.6413, 48.3792, 44.3055

Triad

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



42.7888, 48.3792, 38.5354



42.9587, 48.3792, 70.2689



52.6454, 48.3792, 52.3830

Complementary

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



42.7888, 48.3792, 38.5354



36.8015, 35.5593, 53.0707

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.



51.7733, 48.3792, 62.0411



42.7888, 48.3792, 38.5354



46.0858, 48.3792, 73.0866

Square

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



42.7888, 48.3792, 38.5354



40.7360, 48.3792, 62.6113



49.3323, 48.3792, 69.9129



51.6622, 48.3792, 43.8528

Rectangle

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



42.7888, 48.3792, 38.5354



39.9796, 48.3792, 49.8535



49.3323, 48.3792, 69.9129



52.5591, 48.3792, 55.6046

Sweetspot

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



42.7901, 48.3813, 38.5364



83.5435, 89.7585, 89.6836



40.6068, 40.4567, 37.1219



17.8764, 19.2621, 19.0123



90.7827, 95.5105, 104.0109



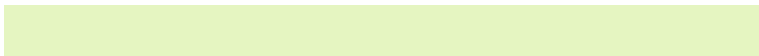
18.6292, 19.5994, 21.3438

Same Dimension

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



42.7901, 48.3813, 38.5364



74.6440, 85.7455, 63.2980



39.2224, 46.5421, 38.3695



10.0331, 10.9715, 10.1655



18.6965, 27.8143, 4.3833



0.7958, 1.1222, 0.1747

Inverse Universe

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



36.8015, 35.5593, 53.0707



61.8949, 58.4454, 94.2451



40.4615, 37.4461, 53.2420



9.2812, 9.3618, 11.9900



7.3954, 3.0985, 32.6012



0.3582, 0.1567, 1.2802

Previews

White Background



This preview shows how the XYZ color 42.7888, 48.3792, 38.5354 looks on a white background.

Color Contrast Check

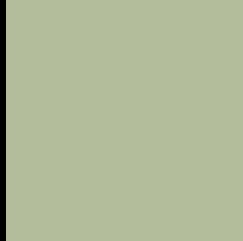
Large Text (above 18pt) WCAG AA × Fail

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 42.7888, 48.3792, 38.5354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

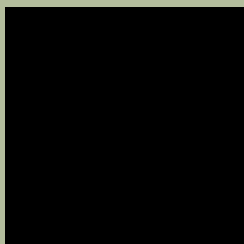
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

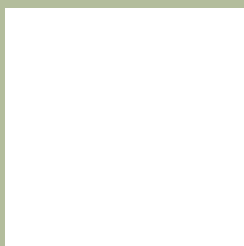
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7888, 48.3792, 38.5354

Background



This preview shows how black text looks on a background with the XYZ color 42.7888, 48.3792, 38.5354.



This preview shows how white text looks on a background with the XYZ color 42.7888, 48.3792,

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

42.7888, 48.3792, 38.5354

Protanopia

45.4789, 48.2162, 37.4815

Deuteranopia

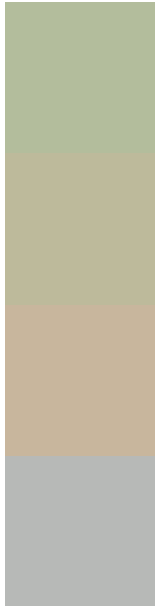
49.2433, 48.3065, 39.0764



Tritanopia

47.1341, 48.2585, 60.2567

Trichromacy



Original Color

42.7888, 48.3792, 38.5354

Protanomaly

44.4616, 48.3032, 37.9904

Deuteranomaly

46.6332, 48.1696, 38.7381

Tritanomaly

45.4246, 48.1841, 51.7061

Monochromacy



Original Color

42.7888, 48.3792, 38.5354

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9478, 47.5388, 46.3948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7888, 48.3792, 38.5354 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, 189, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 156)  
}
```

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, 189, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 156) }
```

Border

The CSS property to change the border of an element to XYZ 42.7888, 48.3792, 38.5354 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, 189, 156) }
```


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

```
.border{ border-color:rgb(179, 189, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7888, 48.3792, 38.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 156) }
```

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

```
.background{ background-color: rgb(179,  
189, 156) }
```

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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