

Converting Colors

XYZ(42.4219, 48.0840, 36.5897)

Have a look what the booklet for
XYZ(42.4219, 48.0840, 36.5897)
contains.

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Color

**XYZ(42.4555, 48.2459,
36.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BD98
RGB	179, 189, 152
RGB Percent	70%, 74%, 60%
CMY	0.2980, 0.2588, 0.4039
CMYK	0.05, 0.00, 0.20, 0.26
HSL	76°, 22%, 67%
HSV	76°, 20%, 74%
XYZ	42.4555, 48.2459, 36.7805
YIQ	181.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

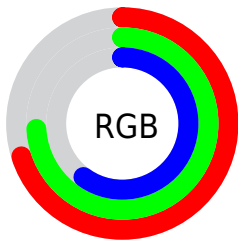
Format	Color
RYB	152, 189, 162
Decimal	11779480
CIELab	74.98, -9.94, 17.57
CIELCh	75, 20.192, 119.505
Yxy	48.2459, 0.3330, 0.3785
Android (android.graphics.Color)	4289969560 (0xFFB3BD98)
YUV	181.7920, -14.6875, -2.4486
Hunter-Lab	69.4593, -12.4494, 17.2259

Details

The XYZ color **42.4555, 48.2459, 36.7805** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3157, 33.8133, 52.8120**, and the grayscale version is **44.4264, 46.7401, 50.8999**.

A 20% lighter version of the original color is **78.0539, 87.4232, 71.1530**, and **19.7573, 22.9835, 15.7069** is the 20% darker color. If you saturate the color by 10%, you get **39.8705, 47.0796, 29.2128**, and if you desaturate by 10%, it is **45.3336, 49.5377, 45.6515**.

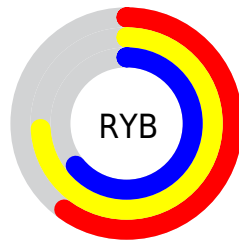
Distribution



Red (70%)

Green (74%)

Blue (60%)



Red (60%)

Yellow (74%)

Blue (64%)

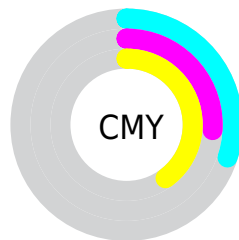


Cyan (5%)

Magenta (0%)

Yellow (20%)

Black (26%)



Cyan (30%)


Magenta (26%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4555, 48.2459, 36.7805 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 42.4555, 48.2459, 36.7805 by changing the saturation by 10% instead.


 42.4555, 48.2459,
36.7805


 42.4555, 48.2459,
36.7805


347.3273,
379.7660, 347.4993

 29.6508, 34.0217,
24.7431


 78.1494, 87.5704,
71.4176

 19.7204, 22.9102,
15.6685


 101.7693,
113.4395, 94.8544

 12.2991, 14.5272,
9.1381


129.7249,
143.9589, 122.9282

 7.0213, 8.4883,
4.7333

162.3817,
179.5132, 156.0573

 3.5219, 4.4089,
2.0357

200.1050,
220.4866, 194.6605

 1.4354, 1.9048,
0.5771

243.2601,

 0.2812, 0.5513,

267.2636, 239.1562

0.0000

292.2124,
320.2286, 289.9629

■ 0.0000, 0.0000,
0.0000

■ 42.4555, 48.2459,
36.7805

■ 42.4555, 48.2459,
36.7805

■ 39.8705, 47.0796,
29.2128

■ 45.3336, 49.5377,
45.6515

■ 37.5625, 46.0275,
22.8840

■ 48.5123, 50.9533,
55.8802

■ 35.5199, 45.0864,
17.7286


■ 52.0034, 52.4990,
67.5214


■ 33.7283, 44.2507,
13.6741


■ 55.8173, 54.1790,
80.6262


■ 32.1719, 43.5139,
10.6399


■ 59.9635, 55.9972,
95.2430

 30.8328, 42.8688,
8.5342


 62.7302, 57.2689,
102.3555


 29.6900, 42.3070,
7.2491

 64.2053, 58.0294,
102.4245

 28.7044, 41.8126,
6.5807

 65.7273, 58.8140,
102.4958

 28.6643, 41.7925,
6.5560

 67.2966, 59.6230,
102.5692

Harmonies

Analogous

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



45.9175, 48.2459, 34.7454



42.4555, 48.2459, 36.7805



40.0196, 48.2459, 42.8950

Triad

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



42.4555, 48.2459, 36.7805



42.3549, 48.2459, 72.0219



53.3102, 48.2459, 52.7071

Complementary

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



42.4555, 48.2459, 36.7805



35.3157, 33.8133, 52.8120

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.



52.2345, 48.2459, 63.5130



42.4555, 48.2459, 36.7805



45.7951, 48.2459, 75.5398

Square

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



42.4555, 48.2459, 36.7805



39.9638, 48.2459, 63.1691



49.4340, 48.2459, 72.2384



52.3013, 48.2459, 43.1608

Rectangle

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



42.4555, 48.2459, 36.7805



39.2382, 48.2459, 48.9225



49.4340, 48.2459, 72.2384



53.1796, 48.2459, 56.3140

Sweetspot

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



42.4568, 48.2480, 36.7815



83.1079, 89.5740, 87.8547



39.5523, 38.8810, 35.1266



17.7938, 19.2276, 18.6430



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.



42.4568, 48.2480, 36.7815



74.2204, 85.5894, 60.4663



38.4908, 46.2035, 36.5959



10.0638, 10.9873, 10.1670



19.3612, 28.1569, 4.4144



0.8177, 1.1335, 0.1757

Inverse Universe

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



35.3157, 33.8133, 52.8120



59.3649, 55.5567, 93.8208



39.3231, 35.8792, 52.9996



9.2521, 9.3468, 11.9887



7.1657, 2.9801, 32.5904



0.3456, 0.1502, 1.2796

Previews

White Background



This preview shows how the XYZ color 42.4555, 48.2459, 36.7805 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 42.4555, 48.2459, 36.7805 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

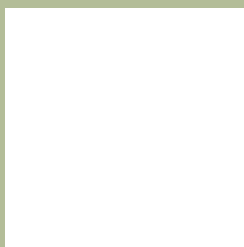
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4555, 48.2459, 36.7805

Background



This preview shows how black text looks on a background with the XYZ color 42.4555, 48.2459, 36.7805.



This preview shows how white text looks on a background with the XYZ color 42.4555, 48.2459,

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

42.4555, 48.2459, 36.7805

Protanopia

45.1512, 48.0851, 35.7558

Deuteranopia

48.9954, 47.9235, 37.2397



Tritanopia

47.0191, 48.2125, 59.6511

Trichromacy



Original Color

42.4555, 48.2459, 36.7805

Protanomaly

44.1311, 48.1710, 36.2501

Deuteranomaly

46.3610, 47.7652, 36.9131

Tritanomaly

45.2179, 48.1014, 50.6173

Monochromacy



Original Color

42.4555, 48.2459, 36.7805

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7557, 47.4620, 45.3830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4555, 48.2459, 36.7805 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 152) }
```

Border

The CSS property to change the border of an element to XYZ 42.4555, 48.2459, 36.7805 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, 152) }
```


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

```
.border{ border-color:rgb(179, 189, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 152);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4555, 48.2459, 36.7805 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, 152) }
```

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

```
.background{ background-color: rgb(179,  
189, 152) }
```

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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