

Converting Colors

XYZ(42.2000, 47.3837, 30.8588)

Have a look what the booklet for
XYZ(42.2000, 47.3837, 30.8588)
contains.

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Color

**XYZ(42.1539, 47.2671,
30.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BA8A
RGB	185, 186, 138
RGB Percent	73%, 73%, 54%
CMY	0.2745, 0.2706, 0.4588
CMYK	0.01, 0.00, 0.26, 0.27
HSL	61°, 26%, 64%
HSV	61°, 26%, 73%
XYZ	42.1539, 47.2671, 30.9465
YIQ	180.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

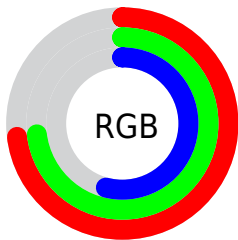
Format	Color
RYB	138, 186, 139
Decimal	12171914
CIELab	74.36, -8.18, 24.30
CIELCh	74, 25.638, 108.610
Yxy	47.2671, 0.3502, 0.3927
Android (android.graphics.Color)	4290361994 (0xFFB9BA8A)
YUV	180.2290, -20.8189, 4.1842
Hunter-Lab	68.7511, -10.8692, 21.4379

Details

The XYZ color **42.1539, 47.2671, 30.9465** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.6008, 27.2124, 50.2022**, and the grayscale version is **43.6093, 45.8803, 49.9637**.

A 20% lighter version of the original color is **77.8845, 86.1873, 62.4000**, and **19.5091, 22.3049, 12.5096** is the 20% darker color. If you saturate the color by 10%, you get **40.8277, 46.7274, 24.4468**, and if you desaturate by 10%, it is **43.7135, 47.9034, 38.6629**.

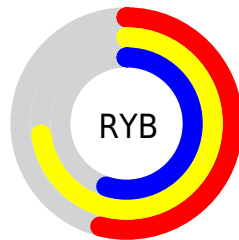
Distribution



Red (73%)

Green (73%)

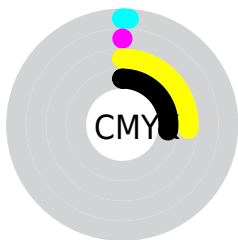
Blue (54%)



Red (54%)

Yellow (73%)

Blue (55%)

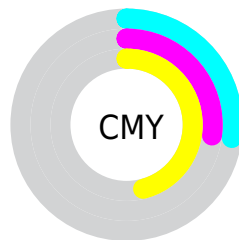


Cyan (1%)

Magenta (0%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1539, 47.2671, 30.9465 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 42.1539, 47.2671, 30.9465 by changing the saturation by 10% instead.

■ 42.1539, 47.2671,
30.9465

■ 42.1539, 47.2671,
30.9465

346.1013,
375.8797, 320.6353

■ 29.4135, 33.2469,
20.3000

■ 77.6962, 86.1122,
62.2344

■ 19.5397, 22.3156,
12.4271

■ 101.2288,
111.7058, 83.7129

■ 12.1672, 14.0890,
6.9092

■ 129.0894,
141.9260, 109.6391

■ 6.9307, 8.1826,
3.3278

161.6435,
177.1572, 140.4317

■ 3.4647, 4.2120,
1.2643

199.2564,
217.7838, 176.5090

■ 1.4040, 1.7929,
0.0323

242.2934,

■ 0.2591, 0.4827,

264.1901, 218.2897

0.0000

291.1199,
316.7606, 266.1923

■ 0.0000, 0.0000,
0.0000

■ 42.1539, 47.2671,
30.9465

■ 42.1539, 47.2671,
30.9465

■ 40.8277, 46.7274,
24.4468

■ 43.7135, 47.9034,
38.6629

■ 39.7194, 46.2733,
19.0990

■ 45.5137, 48.6344,
47.6505

■ 38.8175, 45.9017,
14.8367

■ 47.5661, 49.4663,
57.9641

■ 38.1079, 45.6071,
11.5856

■ 49.8801, 50.4028,
69.6545

■ 37.5747, 45.3831,
9.2620

■ 52.4649, 51.4478,
82.7697

■ 37.1994, 45.2224,
7.7690

■ 55.3292, 52.6045,
97.3554

■ 36.9589, 45.1155,
6.9842

■ 56.2815, 52.9965,
101.8707

■ 36.8776, 45.0785,
6.7574

■ 56.3773, 53.0459,
101.8752

■ 56.4735, 53.0954,
101.8797

Harmonies

Analogous

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



46.7010, 47.2671, 30.3604



42.1539, 47.2671, 30.9465



38.5935, 47.2671, 36.4280

Triad

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



42.1539, 47.2671, 30.9465



39.3117, 47.2671, 72.9775



54.1962, 47.2671, 56.6486

Complementary

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



42.1539, 47.2671, 30.9465



28.6008, 27.2124, 50.2022

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.



51.9158, 47.2671, 70.1594



42.1539, 47.2671, 30.9465



43.1965, 47.2671, 80.6075

Square

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



42.1539, 47.2671, 30.9465



37.0317, 47.2671, 60.0072



47.8170, 47.2671, 79.4959



53.8692, 47.2671, 43.7761

Rectangle

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



42.1539, 47.2671, 30.9465



37.1613, 47.2671, 42.7441



47.8170, 47.2671, 79.4959



53.7032, 47.2671, 61.3000

Sweetspot

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



42.1551, 47.2692, 30.9475



81.6929, 87.8236, 82.3662



34.0424, 30.6827, 28.1736



17.8784, 19.2949, 17.5796



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.



42.1551, 47.2692, 30.9475



74.9815, 85.0930, 49.1058



36.8865, 44.5531, 30.7009



9.7311, 10.4935, 9.6195



24.8170, 30.3300, 4.5463



0.8808, 1.0723, 0.1605

Inverse Universe

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



28.6008, 27.2124, 50.2022



46.2144, 42.5238, 89.9735



33.0162, 29.4887, 50.4089



8.5380, 8.7282, 11.3141



6.0035, 2.4061, 31.4011



0.2176, 0.0879, 1.1072

Previews

White Background



This preview shows how the XYZ color 42.1539, 47.2671, 30.9465 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 42.1539, 47.2671, 30.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

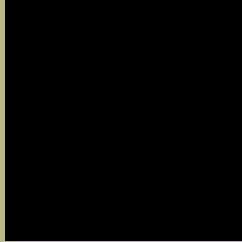
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1539, 47.2671, 30.9465

Background



This preview shows how black text looks on a background with the XYZ color 42.1539, 47.2671, 30.9465.



This preview shows how white text looks on a background with the XYZ color 42.1539, 47.2671,

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

42.1539, 47.2671, 30.9465

Protanopia

44.1424, 47.3803, 30.1113

Deuteranopia

48.0879, 47.0005, 31.3484



Tritanopia

47.4840, 47.2969, 57.0786

Trichromacy



Original Color

42.1539, 47.2671, 30.9465

Protanomaly

43.3941, 47.2936, 30.5084

Deuteranomaly

45.6821, 46.9416, 31.0790

Tritanomaly

45.2570, 47.2918, 46.2781

Monochromacy



Original Color

42.1539, 47.2671, 30.9465

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8109, 46.1176, 42.2425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1539, 47.2671, 30.9465 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(185, 186, 138)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 138)  
}
```

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(185, 186, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 138) }
```

Border

The CSS property to change the border of an element to XYZ 42.1539, 47.2671, 30.9465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

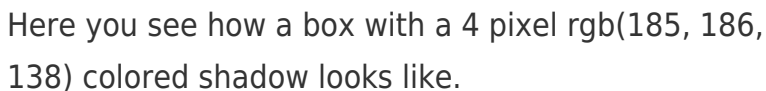
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 186, 138) }
```


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

```
.border{ border-color:rgb(185, 186, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 186, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 186, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 186, 138); box-shadow:4px 4px 4px 4px rgb(185, 186, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1539, 47.2671, 30.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 138) }
```

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

```
.background{ background-color: rgb(185,  
186, 138) }
```

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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