

Converting Colors

XYZ(44.7766, 49.6968, 42.4014)

Have a look what the booklet for
XYZ(44.7766, 49.6968, 42.4014)
contains.

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Color

**XYZ(44.6427, 49.5745,
42.3379)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BEA4
RGB	183, 190, 164
RGB Percent	72%, 75%, 64%
CMY	0.2824, 0.2549, 0.3569
CMYK	0.04, 0.00, 0.14, 0.25
HSL	76°, 17%, 69%
HSV	76°, 14%, 75%
XYZ	44.6427, 49.5745, 42.3379
YIQ	184.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

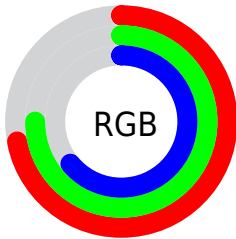
Format	Color
RYB	164, 190, 171
Decimal	12041892
CIELab	75.81, -7.06, 12.31
CIELCh	76, 14.190, 119.825
Yxy	49.5745, 0.3269, 0.3630
Android (android.graphics.Color)	4290231972 (0xFFB7BEA4)
YUV	184.9430, -10.3249, -1.7040
Hunter-Lab	70.4092, -10.0387, 13.6346

Details

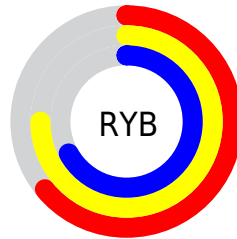
The XYZ color **44.6427, 49.5745, 42.3379** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3663, 38.9279, 54.1569**, and the grayscale version is **46.1375, 48.5402, 52.8603**.

A 20% lighter version of the original color is **81.3386, 89.3767, 79.9823**, and **21.0762, 23.8070, 18.8136** is the 20% darker color. If you saturate the color by 10%, you get **41.8586, 48.3244, 33.9099**, and if you desaturate by 10%, it is **47.7301, 50.9543, 52.1204**.

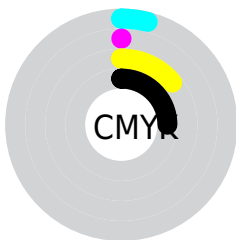
Distribution



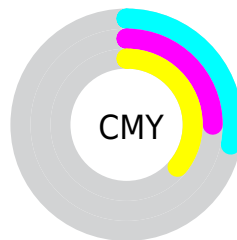
- Red (72%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6427, 49.5745, 42.3379 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 44.6427, 49.5745, 42.3379 by changing the saturation by 10% instead.

■ 44.6427, 49.5745,
42.3379

■ 44.6427, 49.5745,
42.3379

356.1326,
384.9996, 371.7227

■ 31.3762, 35.0754,
29.0384

■ 81.4244, 89.5441,
79.9864

■ 21.0387, 23.7210,
18.8641

■ 105.6702,
115.7834, 105.1724

■ 13.2649, 15.1268,
11.3963

134.3065,
146.7050, 135.1578

■ 7.6895, 8.9084,
6.2165

167.6986,
182.6931, 170.3610

■ 3.9470, 4.6815,
2.9063

206.2120,
224.1323, 211.2005

■ 1.6722, 2.0616,
1.0470

250.2118,

■ 0.4388, 0.6429,

271.4068, 258.0949

0.0000

300.0636,
324.9011, 311.4628

■ 0.0000, 0.0000,
0.0000

■ 44.6427, 49.5745,
42.3379

■ 44.6427, 49.5745,
42.3379

■ 41.8586, 48.3244,
33.9099

■ 47.7301, 50.9543,
52.1204

■ 39.3621, 47.1928,
26.7734

■ 51.1280, 52.4618,
63.3101

■ 37.1418, 46.1766,
20.8654

■ 54.8481, 54.1035,
75.9609

■ 35.1840, 45.2704,
16.1161

■ 58.9004, 55.8832,
90.1229

■ 33.4737, 44.4682,
12.4491

■ 62.6430, 57.5444,
102.4133

■ 31.9941, 43.7630,
9.7783

■ 64.1107, 58.3011,
102.4820

■ 30.7260, 43.1472,
8.0050

■ 65.6253, 59.0819,
102.5529

■ 29.6461, 42.6114,
7.0101

■ 67.1873, 59.8871,
102.6260

■ 29.0330, 42.3030,
6.6351

■ 68.7970, 60.7169,
102.7013

Harmonies

Analogous

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



47.1346, 49.5745, 40.7236



44.6427, 49.5745, 42.3379



42.8714, 49.5745, 47.0051

Triad

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



44.6427, 49.5745, 42.3379



44.6168, 49.5745, 67.5260



52.3720, 49.5745, 54.0226

Complementary

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



44.6427, 49.5745, 42.3379



39.3663, 38.9279, 54.1569

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.



51.6384, 49.5745, 61.6090



44.6427, 49.5745, 42.3379



47.1036, 49.5745, 69.8357

Square

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



44.6427, 49.5745, 42.3379



42.8569, 49.5745, 61.5251



49.6854, 49.5745, 67.5776



51.6549, 49.5745, 47.0752

Rectangle

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



44.6427, 49.5745, 42.3379



42.3038, 49.5745, 51.4540



49.6854, 49.5745, 67.5776



52.2865, 49.5745, 56.5836

Sweetspot

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



44.6440, 49.5767, 42.3390



86.2671, 92.2328, 93.7265



42.4881, 42.7297, 41.1310



18.8459, 20.2100, 20.2669



92.9021, 97.7402, 106.4391



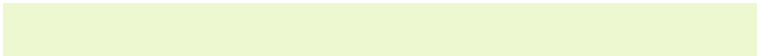
19.4759, 20.4902, 22.3138

Same Dimension

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



44.6440, 49.5767, 42.3390



79.5470, 89.2300, 72.5594



41.7079, 48.0630, 42.2016



10.0648, 10.9878, 10.1670



19.3822, 28.1677, 4.4154



0.8184, 1.1339, 0.1757

Inverse Universe

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



39.3663, 38.9279, 54.1569



68.3867, 66.7111, 97.5513



42.3226, 40.4520, 54.2952



9.2512, 9.3463, 11.9886



7.1591, 2.9767, 32.5901



0.3453, 0.1500, 1.2796

Previews

White Background



This preview shows how the XYZ color 44.6427, 49.5745, 42.3379 looks on a white background.

Color Contrast Check

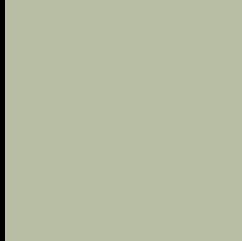
Large Text (above 18pt) WCAG AA × Fail

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 44.6427, 49.5745, 42.3379 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

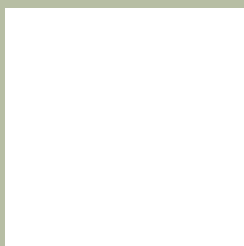
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6427, 49.5745, 42.3379

Background



This preview shows how black text looks on a background with the XYZ color 44.6427, 49.5745, 42.3379.



This preview shows how white text looks on a background with the XYZ color 44.6427, 49.5745,

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

44.6427, 49.5745, 42.3379

Protanopia

46.8454, 49.4622, 41.2606

Deuteranopia

50.3556, 49.3927, 42.9561



Tritanopia

48.5133, 49.5594, 61.6526

Trichromacy



Original Color

44.6427, 49.5745, 42.3379

Protanomaly

45.8670, 49.2614, 41.7413

Deuteranomaly

48.0194, 49.4151, 42.6045

Tritanomaly

46.9897, 49.5676, 54.1046

Monochromacy



Original Color

44.6427, 49.5745, 42.3379

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.4733, 48.9053, 48.6379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6427, 49.5745, 42.3379 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(183, 190, 164)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 164)  
}
```

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(183, 190, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 164) }
```

Border

The CSS property to change the border of an element to XYZ 44.6427, 49.5745, 42.3379 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(183, 190, 164) }
```


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

```
.border{ border-color:rgb(183, 190, 164) }
```

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

Here you see how a box with a 4 pixel rgb(183, 190, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 164);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6427, 49.5745, 42.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 164) }
```

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

```
.background{ background-color: rgb(183,  
190, 164) }
```

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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