

Converting Colors

XYZ(43.0015, 47.6348, 45.0723)

Have a look what the booklet for
XYZ(43.0015, 47.6348, 45.0723)
contains.

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Color

**XYZ(42.9305, 47.6730,
44.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BBAA
RGB	176, 187, 170
RGB Percent	69%, 73%, 67%
CMY	0.3098, 0.2666, 0.3333
CMYK	0.06, 0.00, 0.09, 0.27
HSL	99°, 11%, 70%
HSV	99°, 9%, 73%
XYZ	42.9305, 47.6730, 44.9693
YIQ	181.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

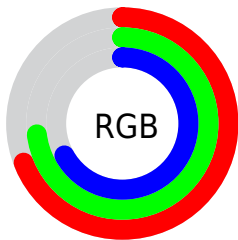
Format	Color
RYB	170, 187, 181
Decimal	11582378
CIELab	74.62, -6.97, 7.30
CIELCh	75, 10.088, 133.670
Yxy	47.6730, 0.3167, 0.3516
Android (android.graphics.Color)	4289772458 (0xFFB0BBAA)
YUV	181.7730, -5.8041, -5.0629
Hunter-Lab	69.0456, -9.8439, 9.7165

Details

The XYZ color **42.9305, 47.6730, 44.9693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4022, 42.1623, 52.9195**, and the grayscale version is **44.3720, 46.6828, 50.8376**.

A 20% lighter version of the original color is **78.9199, 86.6932, 83.8081**, and **19.9635, 22.5692, 20.4436** is the 20% darker color. If you saturate the color by 10%, you get **38.6707, 45.6685, 36.1832**, and if you desaturate by 10%, it is **47.6886, 49.9081, 55.0943**.

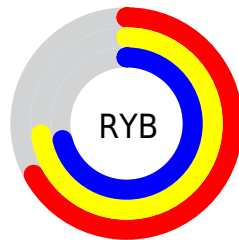
Distribution



Red (69%)

Green (73%)

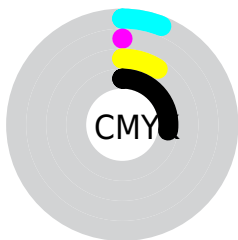
Blue (67%)



Red (67%)

Yellow (73%)

Blue (71%)

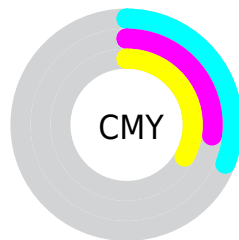


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9305, 47.6730, 44.9693 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 42.9305, 47.6730, 44.9693 by changing the saturation by 10% instead.

■ 42.9305, 47.6730,
44.9693

■ 42.9305, 47.6730,
44.9693

349.2522,
377.4945, 382.8057

■ 30.0249, 33.5680,
31.0905

■ 78.8623, 86.7173,
83.9923

■ 20.0056, 22.5619,
20.4087

102.6193,
112.4255, 109.9736

■ 12.5074, 14.2704,
12.5055

130.7240,
142.7701, 140.8260

■ 7.1649, 8.3090,
6.9622

163.5419,
178.1356, 176.9683

■ 3.6127, 4.2933,
3.3604

201.4383,
218.9064, 218.8188

■ 1.4854, 1.8389,
1.2815

244.7786,

■ 0.3159, 0.5113,

265.4669, 266.7962

0.0465

293.9281,
318.2015, 321.3190

■ 0.0000, 0.0000,
0.0000

■ 42.9305, 47.6730,
44.9693

■ 42.9305, 47.6730,
44.9693

■ 38.6707, 45.6685,
36.1832

■ 47.6886, 49.9081,
55.0943

■ 34.8884, 43.8808,
28.6769

■ 52.9571, 52.3747,
66.6078

■ 31.5668, 42.3042,
22.3916

■ 58.7526, 55.0817,
79.5606

■ 28.6870, 40.9301,
17.2624

■ 65.0897, 58.0356,
94.0001

■ 26.2283, 39.7496,
13.2189

■ 70.5829, 60.6828,
102.6006

■ 24.1683, 38.7526,
10.1824

■ 74.7499, 62.8309,
102.7956

■ 22.4820, 37.9285,
8.0640

■ 77.0612, 64.0225,
102.9037

■ 21.1411, 37.2647,
6.7591

■ 20.1011, 36.7425,
6.0813

Harmonies

Analogous

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



44.4871, 47.6730, 42.7380



42.9305, 47.6730, 44.9693



42.0254, 47.6730, 49.1317

Triad

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



42.9305, 47.6730, 44.9693



44.3318, 47.6730, 62.1671



48.8095, 47.6730, 49.5676

Complementary

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



42.9305, 47.6730, 44.9693



42.4022, 42.1623, 52.9195

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.



48.7651, 47.6730, 54.7865



42.9305, 47.6730, 44.9693



46.1465, 47.6730, 62.3035

Square

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



42.9305, 47.6730, 44.9693



42.8194, 47.6730, 59.1648



47.7795, 47.6730, 59.5256



47.8990, 47.6730, 45.2699

Rectangle

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



42.9305, 47.6730, 44.9693



41.8977, 47.6730, 52.5541



47.7795, 47.6730, 59.5256



48.9065, 47.6730, 51.2669

Sweetspot

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



42.9318, 47.6751, 44.9703



81.9274, 87.7491, 91.2032



44.2275, 46.4219, 44.6602



17.8889, 19.2521, 19.7586



90.7827, 95.5105, 104.0109



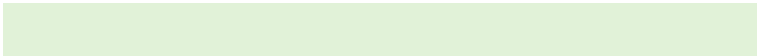
18.6292, 19.5994, 21.3438

Same Dimension

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



42.9318, 47.6751, 44.9703



75.2229, 84.5989, 77.0612



41.8213, 47.0776, 46.0477



9.7179, 10.8090, 10.1508



13.8630, 25.3225, 4.1571



0.6150, 1.0290, 0.1662

Inverse Universe

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



42.4022, 42.1623, 52.9195



74.0731, 72.6320, 94.3167



43.5988, 42.8070, 51.7183



9.5944, 9.5233, 12.0047



11.6951, 5.3151, 32.8024



0.5266, 0.2435, 1.2881

Previews

White Background



This preview shows how the XYZ color 42.9305, 47.6730, 44.9693 looks on a white background.

Color Contrast Check

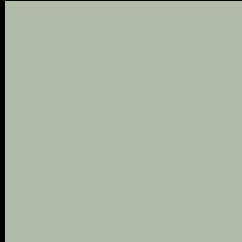
Large Text (above 18pt) WCAG AA × Fail

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 42.9305, 47.6730, 44.9693 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

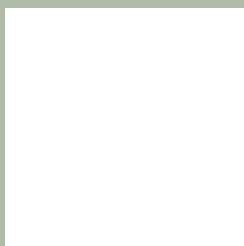
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9305, 47.6730, 44.9693

Background



This preview shows how black text looks on a background with the XYZ color 42.9305, 47.6730, 44.9693.



This preview shows how white text looks on a background with the XYZ color 42.9305, 47.6730,

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

42.9305, 47.6730, 44.9693

Protanopia

45.2366, 47.6413, 43.8573

Deuteranopia

48.3454, 47.4020, 45.6311



Tritanopia

45.8339, 47.6015, 59.5956

Trichromacy



Original Color

42.9305, 47.6730, 44.9693

Protanomaly

44.3095, 47.4598, 44.3614

Deuteranomaly

46.1227, 47.4574, 45.2573

Tritanomaly

44.7005, 47.4525, 53.8170

Monochromacy



Original Color

42.9305, 47.6730, 44.9693

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9988, 47.1986, 48.9107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9305, 47.6730, 44.9693 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(176, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(176, 187, 170)  
}
```

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(176, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 187, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.9305, 47.6730, 44.9693 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(176, 187, 170) }
```


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

```
.border{ border-color:rgb(176, 187, 170) }
```

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

Here you see how a box with a 4 pixel rgb(176, 187, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(176, 187,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9305, 47.6730, 44.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 187, 170) }
```

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

```
.background{ background-color: rgb(176,  
187, 170) }
```

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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