

Converting Colors

XYZ(41.3234, 45.3147, 41.1359)

Have a look what the booklet for
XYZ(41.3234, 45.3147, 41.1359)
contains.

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Color

**XYZ(41.4703, 45.4474,
41.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B6A3
RGB	177, 182, 163
RGB Percent	69%, 71%, 64%
CMY	0.3059, 0.2863, 0.3608
CMYK	0.03, 0.00, 0.10, 0.29
HSL	76°, 12%, 68%
HSV	76°, 10%, 71%
XYZ	41.4703, 45.4474, 41.2368
YIQ	178.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

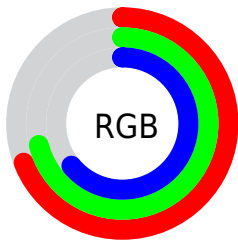
Format	Color
RYB	163, 182, 168
Decimal	11646627
CIELab	73.19, -5.19, 9.07
CIELCh	73, 10.447, 119.787
Yxy	45.4474, 0.3236, 0.3546
Android (android.graphics.Color)	4289836707 (0xFFB1B6A3)
YUV	178.3390, -7.5621, -1.1743
Hunter-Lab	67.4147, -8.1710, 10.9233

Details

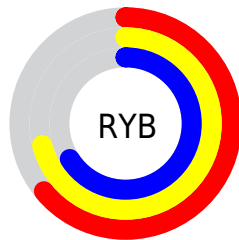
The XYZ color **41.4703, 45.4474, 41.2368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.6909, 37.8978, 49.5869**, and the grayscale version is **42.5352, 44.7503, 48.7331**.

A 20% lighter version of the original color is **76.8337, 83.5347, 78.4039**, and **19.0317, 21.1333, 18.1150** is the 20% darker color. If you saturate the color by 10%, you get **38.8835, 44.2902, 33.2071**, and if you desaturate by 10%, it is **44.3327, 46.7222, 50.5064**.

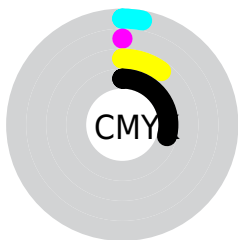
Distribution



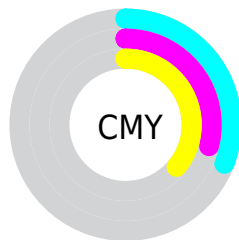
- Red (69%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4703, 45.4474, 41.2368 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 41.4703, 45.4474, 41.2368 by changing the saturation by 10% instead.

■ 41.4703, 45.4474,
41.2368

■ 41.4703, 45.4474,
41.2368

343.3115,
368.5825, 367.0153

■ 28.8760, 31.8100,
28.1831

■ 76.6675, 83.3914,
78.3008

■ 19.1309, 21.2164,
18.2235

■ 100.0012,
108.4667, 103.1482

■ 11.8695, 13.2823,
10.9394

127.6454,
138.1235, 132.7638

■ 6.7264, 7.6232,
5.9125

159.9654,
172.7461, 167.5663

■ 3.3364, 3.8548,
2.7240

197.3267,
212.7189, 207.9741

■ 1.3341, 1.5927,
0.9555

240.0946,

■ 0.2085, 0.3527,

258.4263, 254.4059

0.0000

288.6344,
310.2527, 307.2801

■ 0.0000, 0.0000,
0.0000

■ 41.4703, 45.4474,
41.2368

■ 41.4703, 45.4474,
41.2368

■ 38.8835, 44.2902,
33.2071

■ 44.3327, 46.7222,
50.5064

■ 36.5581, 43.2406,
26.3619

■ 47.4767, 48.1126,
61.0624

■ 34.4844, 42.2959,
20.6456

■ 50.9128, 49.6243,
72.9525

■ 32.6504, 41.4514,
15.9975

■ 54.6498, 51.2610,
86.2210

■ 31.0429, 40.7018,
12.3508

■ 58.6961, 53.0260,
100.9104

■ 29.6476, 40.0412,
9.6314

■ 60.1643, 53.7644,
101.8143

■ 28.4479, 39.4631,
7.7548

■ 61.5131, 54.4598,
101.8774

■ 27.4245, 38.9595,
6.6213

■ 62.9028, 55.1762,
101.9425

■ 26.5735, 38.5329,
6.0370

■ 64.3338, 55.9139,
102.0094

Harmonies

Analogous

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



43.2095, 45.4474, 40.0679



41.4703, 45.4474, 41.2368



40.2238, 45.4474, 44.5805

Triad

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



41.4703, 45.4474, 41.2368



41.4483, 45.4474, 58.7226



46.8148, 45.4474, 49.5219

Complementary

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



41.4703, 45.4474, 41.2368



37.6909, 37.8978, 49.5869

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.



46.3119, 45.4474, 54.7356



41.4703, 45.4474, 41.2368



43.1833, 45.4474, 60.2716

Square

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



41.4703, 45.4474, 41.2368



40.2114, 45.4474, 54.6663



44.9697, 45.4474, 58.7645



46.3256, 45.4474, 44.6410

Rectangle

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



41.4703, 45.4474, 41.2368



39.8222, 45.4474, 47.7176



44.9697, 45.4474, 58.7645



46.7560, 45.4474, 51.2945

Sweetspot

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



41.4715, 45.4494, 41.2378



78.9679, 84.0797, 86.9560



39.8604, 40.5039, 40.3681



17.3475, 18.5288, 18.8987



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.4715, 45.4494, 41.2378



73.8307, 81.7905, 70.4927



39.4356, 44.3998, 41.1425



9.5132, 10.3812, 9.6093



18.8299, 27.2435, 4.2661



0.7186, 0.9887, 0.1530

Inverse Universe

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



37.6909, 37.8978, 49.5869



65.3161, 64.7824, 89.2974



39.7307, 38.9494, 49.6824



8.7370, 8.8308, 11.3235



6.8754, 2.8556, 31.4419



0.3026, 0.1317, 1.1112

Previews

White Background



This preview shows how the XYZ color 41.4703, 45.4474, 41.2368 looks on a white background.

Color Contrast Check

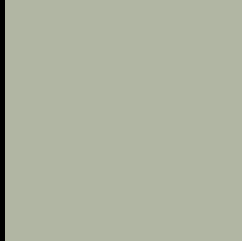
Large Text (above 18pt) WCAG AA × Fail

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 41.4703, 45.4474, 41.2368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

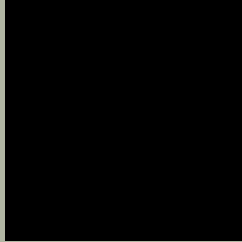
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4703, 45.4474, 41.2368

Background



This preview shows how black text looks on a background with the XYZ color 41.4703, 45.4474, 41.2368.



This preview shows how white text looks on a background with the XYZ color 41.4703, 45.4474,

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

41.4703, 45.4474, 41.2368

Protanopia

43.0466, 45.3782, 40.2083

Deuteranopia

46.0922, 45.1603, 41.8848



Tritanopia

44.4909, 45.4703, 56.3009

Trichromacy



Original Color

41.4703, 45.4474, 41.2368

Protanomaly

42.3713, 45.3184, 40.6965

Deuteranomaly

44.2185, 45.0685, 41.4905

Tritanomaly

43.2830, 45.2797, 50.1747

Monochromacy



Original Color

41.4703, 45.4474, 41.2368

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.0230, 44.7223, 45.9526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4703, 45.4474, 41.2368 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(177, 182, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 163)  
}
```

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(177, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.4703, 45.4474, 41.2368 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(177, 182, 163) }
```


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

```
.border{ border-color:rgb(177, 182, 163) }
```

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

Here you see how a box with a 4 pixel rgb(177, 182, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4703, 45.4474, 41.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 163) }
```

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

```
.background{ background-color: rgb(177,  
182, 163) }
```

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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