

Converting Colors

XYZ(44.3295, 45.1522, 41.2771)

Have a look what the booklet for
XYZ(44.3295, 45.1522, 41.2771)
contains.

XYZ(44.4743, 45.2003, 41.5024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.4743, 45.2003,
41.5024)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B0A4
RGB	194, 176, 164
RGB Percent	76%, 69%, 64%
CMY	0.2392, 0.3098, 0.3569
CMYK	0.00, 0.09, 0.15, 0.24
HSL	24°, 20%, 70%
HSV	24°, 15%, 76%
XYZ	44.4743, 45.2003, 41.5024
YIQ	180.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

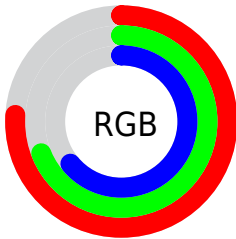
Format	Color
RYB	194, 184, 164
Decimal	12759204
CIELab	73.02, 4.45, 8.48
CIELCh	73, 9.576, 62.294
Yxy	45.2003, 0.3390, 0.3446
Android (android.graphics.Color)	4290949284 (0xFFC2B0A4)
YUV	180.0140, -7.8949, 12.2657
Hunter-Lab	67.2312, 0.4255, 10.4616

Details

The XYZ color **44.4743, 45.2003, 41.5024** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7752, 45.2425, 57.5703**, and the grayscale version is **43.4265, 45.6880, 49.7543**.

A 20% lighter version of the original color is **81.4265, 83.3369, 78.8118**, and **20.9475, 21.1606, 18.3096** is the 20% darker color. If you saturate the color by 10%, you get **40.6697, 40.1839, 32.2399**, and if you desaturate by 10%, it is **48.7443, 50.7189, 52.2397**.

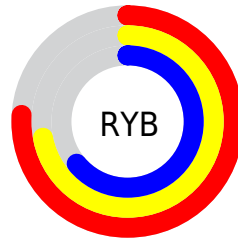
Distribution



Red (76%)

Green (69%)

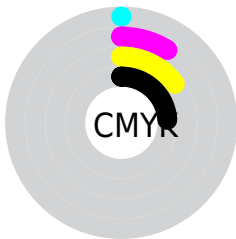
Blue (64%)



Red (76%)

Yellow (72%)

Blue (64%)

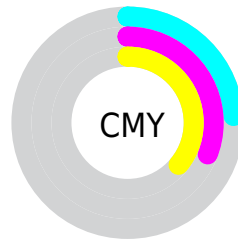


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4743, 45.2003, 41.5024 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 44.4743, 45.2003, 41.5024 by changing the saturation by 10% instead.

■ 44.4743, 45.2003,
41.5024

■ 44.4743, 45.2003,
41.5024

355.4599,
367.5842, 368.1547

■ 31.2431, 31.6152,
28.3892

■ 81.1729, 83.0209,
78.7079

■ 20.9367, 21.0678,
18.3777

■ 105.3710,
108.0252, 103.6373

■ 13.1900, 13.1736,
11.0492

133.9554,
137.6047, 133.3425

■ 7.6374, 7.5482,
5.9854

167.2915,
172.1439, 168.2421

■ 3.9137, 3.8072,
2.7675

205.7447,
212.0270, 208.7545

■ 1.6534, 1.5663,
0.9772

249.6802,

■ 0.4268, 0.3347,

257.6385, 255.2984

0.0000

299.4635,
309.3627, 308.2923

■ 0.0000, 0.0000,
0.0000

■ 44.4743, 45.2003,
41.5024

■ 44.4743, 45.2003,
41.5024

■ 40.6697, 40.1839,
32.2399

■ 48.7443, 50.7189,
52.2397

■ 37.3098, 35.6492,
24.3840

■ 53.4921, 56.7476,
64.5100

■ 34.3779, 31.5827,
17.8656

■ 58.7340, 63.3019,
78.3718

■ 31.8544, 27.9681,
12.6085

■ 64.4846, 70.3945,
93.8798

■ 29.7183, 24.7883,
8.5286

■ 69.7762, 77.6451,
105.9172

■ 27.9461, 22.0244,
5.5315

■ 73.2027, 84.4981,
107.0593

■ 26.5113, 19.6562,
3.5080

■ 76.0583, 90.2094,
108.0112

■ 25.3824, 17.6604,
2.3237

■ 24.9461, 16.8649,
1.9404

Harmonies

Analogous

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



45.7381, 45.2003, 44.4563



44.4743, 45.2003, 41.5024



42.8329, 45.2003, 40.5734

Triad

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



44.4743, 45.2003, 41.5024



39.8273, 45.2003, 49.5851



44.7029, 45.2003, 57.4197

Complementary

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



44.4743, 45.2003, 41.5024



41.7752, 45.2425, 57.5703

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.



43.0904, 45.2003, 59.0050



44.4743, 45.2003, 41.5024



40.2997, 45.2003, 54.3026

Square

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



44.4743, 45.2003, 41.5024



40.1764, 45.2003, 45.0559



41.4835, 45.2003, 57.8294



45.8725, 45.2003, 53.6234

Rectangle

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



44.4743, 45.2003, 41.5024



41.7529, 45.2003, 41.1752



41.4835, 45.2003, 57.8294



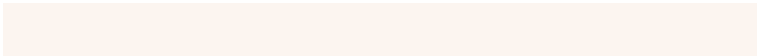
44.1933, 45.2003, 58.2396

Sweetspot

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



44.4755, 45.2023, 41.5034



88.6261, 92.2916, 95.4468



43.9676, 41.3982, 49.9298



19.2800, 20.0468, 20.5749



0.0000, 0.0000, 0.0000



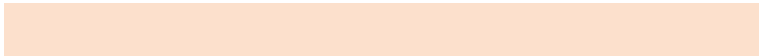
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4755, 45.2023, 41.5034



77.8341, 78.3001, 68.4430



47.5803, 51.4118, 42.5383



10.3966, 10.7245, 10.5840



16.4767, 11.2391, 1.3010



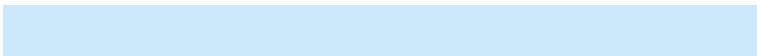
0.7793, 0.6205, 0.0787

Inverse Universe

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



41.7752, 45.2425, 57.5703



71.8890, 78.3868, 103.8110



38.8667, 39.4256, 56.6008



10.0195, 10.7303, 12.8279



10.6190, 10.9944, 35.1191



0.5248, 0.6069, 1.5394

Previews

White Background



This preview shows how the XYZ color 44.4743, 45.2003, 41.5024 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 44.4743, 45.2003, 41.5024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

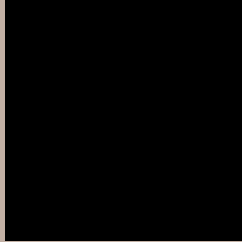
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4743, 45.2003, 41.5024

Background



This preview shows how black text looks on a background with the XYZ color 44.4743, 45.2003, 41.5024.



This preview shows how white text looks on a background with the XYZ color 44.4743, 45.2003,

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

44.4743, 45.2003, 41.5024

Protanopia

43.1613, 45.3959, 42.0848

Deuteranopia

46.0922, 45.1603, 41.8848



Tritanopia

46.8325, 45.3026, 52.7303

Trichromacy



Original Color

44.4743, 45.2003, 41.5024

Protanomaly

43.6982, 45.3762, 42.0527

Deuteranomaly

45.4808, 45.1308, 41.9113

Tritanomaly

45.9369, 45.2222, 48.4271

Monochromacy



Original Color

44.4743, 45.2003, 41.5024

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.7677, 45.6105, 46.5413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4743, 45.2003, 41.5024 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(194, 176, 164) looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 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(194, 176, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 164) }
```

Border

The CSS property to change the border of an element to XYZ 44.4743, 45.2003, 41.5024 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(194, 176, 164) }
```


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

```
.border{ border-color:rgb(194, 176, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 176, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 164);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4743, 45.2003, 41.5024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 164) }
```

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

```
.background{ background-color: rgb(194,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor