

Converting Colors

XYZ(41.8176, 45.1807, 44.1693)

Have a look what the booklet for
XYZ(41.8176, 45.1807, 44.1693)
contains.

XYZ(41.8168, 45.2594, 44.0681)	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(41.8168, 45.2594,
44.0681)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B5A9
RGB	177, 181, 169
RGB Percent	69%, 71%, 66%
CMY	0.3059, 0.2902, 0.3372
CMYK	0.02, 0.00, 0.07, 0.29
HSL	80°, 8%, 69%
HSV	80°, 7%, 71%
XYZ	41.8168, 45.2594, 44.0681
YIQ	178.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

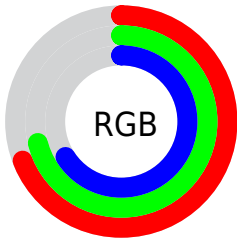
Format	Color
R_{YB}	169, 181, 173
Decimal	11646377
CIE Lab	73.06, -3.61, 5.62
CIE LCh	73, 6.674, 122.704
Yxy	45.2594, 0.3189, 0.3451
Android (android.graphics.Color)	4289836457 (0xFFB1B5A9)
YUV	178.4360, -4.6519, -1.2594
Hunter-Lab	67.2751, -6.7796, 8.2551

Details

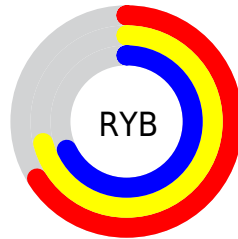
The XYZ color **41.8168, 45.2594, 44.0681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.7637, 40.5976, 49.4587**, and the grayscale version is **42.5723, 44.7894, 48.7756**.

A 20% lighter version of the original color is **77.3430, 83.2738, 82.5181**, and **19.2422, 21.0078, 19.8704** is the 20% darker color. If you saturate the color by 10%, you get **38.8895, 43.9346, 35.6665**, and if you desaturate by 10%, it is **45.0427, 46.7136, 53.7135**.

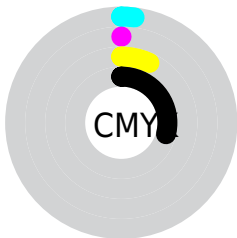
Distribution



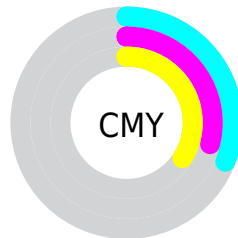
- Red (69%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8168, 45.2594, 44.0681 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 41.8168, 45.2594, 44.0681 by changing the saturation by 10% instead.

■ 41.8168, 45.2594,
44.0681

■ 41.8168, 45.2594,
44.0681

344.7275,
367.8231, 379.0356

■ 29.1483, 31.6618,
30.3865

■ 77.1892, 83.1095,
82.6238

■ 19.3379, 21.1033,
19.8776

100.6238,
108.1308, 108.3349

■ 12.0202, 13.1995,
12.1229

128.3779,
137.7289, 138.8929

■ 6.8297, 7.5661,
6.7039

160.8168,
172.2880, 174.7164

■ 3.4012, 3.8186,
3.2020

198.3059,
212.1925, 216.2239

■ 1.3693, 1.5726,
1.1987

241.2104,

■ 0.2342, 0.3390,

257.8270, 263.8339

0.0000

289.8959,
309.5757, 317.9649

■ 0.0000, 0.0000,
0.0000

■ 41.8168, 45.2594,
44.0681

■ 41.8168, 45.2594,
44.0681

■ 38.8895, 43.9346,
35.6665

■ 45.0427, 46.7136,
53.7135

■ 36.2467, 42.7291,
28.4553

■ 48.5733, 48.2954,
64.6475

■ 33.8786, 41.6402,
22.3811

■ 52.4192, 50.0104,
76.9164

■ 31.7733, 40.6633,
17.3858

■ 56.5893, 51.8624,
90.5630

■ 29.9180, 39.7930,
13.4059

■ 60.3583, 53.5614,
101.7649

■ 28.2984, 39.0236,
10.3713

■ 62.0793, 54.4486,
101.8454

■ 26.8988, 38.3486,
8.2029

■ 63.8655, 55.3694,
101.9290

■ 25.7008, 37.7606,
6.8089

■ 65.7177, 56.3242,
102.0157

■ 24.6797, 37.2497,
6.0642

■ 67.6364, 57.3134,
102.1055

Harmonies

Analogous

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



42.9119, 45.2594, 43.1359



41.8168, 45.2594, 44.0681



41.0545, 45.2594, 46.3914

Triad

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



41.8168, 45.2594, 44.0681



41.9970, 45.2594, 55.2134



45.2980, 45.2594, 48.9773

Complementary

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



41.8168, 45.2594, 44.0681



39.7637, 40.5976, 49.4587

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.



45.0425, 45.2594, 52.2856



41.8168, 45.2594, 44.0681



43.1236, 45.2594, 55.9810

Square

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



41.8168, 45.2594, 44.0681



41.1572, 45.2594, 52.8338



44.2414, 45.2594, 54.8870



44.9334, 45.2594, 45.8889

Rectangle

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



41.8168, 45.2594, 44.0681



40.8304, 45.2594, 48.4683



44.2414, 45.2594, 54.8870



45.2818, 45.2594, 50.1003

Sweetspot

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



41.8181, 45.2614, 44.0691



77.4797, 82.2254, 86.5827



41.1626, 42.5769, 43.5855



16.7596, 17.7779, 18.7539



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.8181, 45.2614, 44.0691



74.0700, 80.6868, 76.5221



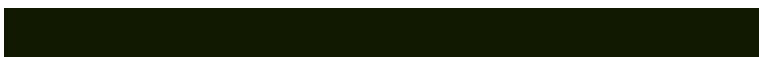
40.4813, 44.5722, 44.0065



8.9162, 9.7619, 9.0668



16.8678, 25.6057, 4.0534



0.5895, 0.8360, 0.1303

Inverse Universe

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



39.7637, 40.5976, 49.4587



69.6026, 70.5448, 88.2427



41.1204, 41.2970, 49.5222



8.3001, 8.3633, 10.6831



7.1163, 3.0044, 30.3418



0.2874, 0.1272, 0.9577

Previews

White Background



This preview shows how the XYZ color 41.8168, 45.2594, 44.0681 looks on a white background.

Color Contrast Check

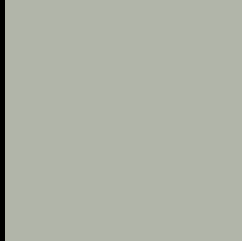
Large Text (above 18pt) WCAG AA × Fail

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 41.8168, 45.2594, 44.0681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

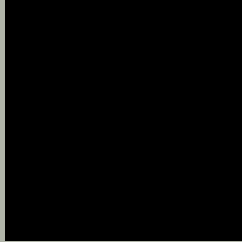
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

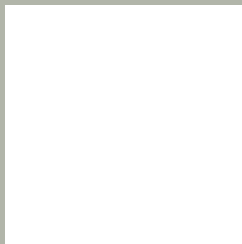
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8168, 45.2594, 44.0681

Background



This preview shows how black text looks on a background with the XYZ color 41.8168, 45.2594, 44.0681.



This preview shows how white text looks on a background with the XYZ color 41.8168, 45.2594,

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

41.8168, 45.2594, 44.0681

Protanopia

43.1956, 45.3816, 43.5287

Deuteranopia

46.1137, 45.1068, 44.8041



Tritanopia

44.2572, 45.3499, 56.2900

Trichromacy



Original Color

41.8168, 45.2594, 44.0681

Protanomaly

42.6805, 45.4148, 43.5622

Deuteranomaly

44.5193, 45.1594, 44.4004

Tritanomaly

43.3622, 45.2846, 51.8028

Monochromacy



Original Color

41.8168, 45.2594, 44.0681

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2181, 44.8003, 46.9796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8168, 45.2594, 44.0681 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, 181, 169)` looks like.

```
.text, #text, p{  
    color:rgb(177, 181, 169)  
}
```

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, 181, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.8168, 45.2594, 44.0681 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, 181, 169) }
```


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

```
.border{ border-color:rgb(177, 181, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 181, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 181, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 181, 169);  
box-shadow:4px 4px 4px 4px rgb(177, 181,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8168, 45.2594, 44.0681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 169) }
```

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

```
.background{ background-color: rgb(177,  
181, 169) }
```

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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