

Converting Colors

XYZ(41.1754, 44.5017, 47.7079)

Have a look what the booklet for
XYZ(41.1754, 44.5017, 47.7079)
contains.

XYZ(41.1710, 44.5478, 47.5029)	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(41.1710, 44.5478,
47.5029)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB4B0
RGB	172, 180, 176
RGB Percent	67%, 71%, 69%
CMY	0.3255, 0.2941, 0.3098
CMYK	0.04, 0.00, 0.02, 0.29
HSL	150°, 5%, 69%
HSV	150°, 4%, 71%
XYZ	41.1710, 44.5478, 47.5029
YIQ	177.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

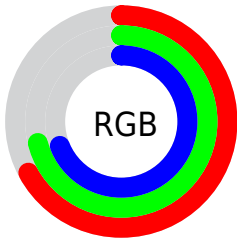
Format	Color
RYB	172, 177, 180
Decimal	11318448
CIELab	72.59, -3.55, 1.06
CIELCh	73, 3.706, 163.392
Yxy	44.5478, 0.3090, 0.3344
Android (android.graphics.Color)	4289508528 (0xFFACB4B0)
YUV	177.1520, -0.5679, -4.5183
Hunter-Lab	66.7441, -6.6948, 4.5232

Details

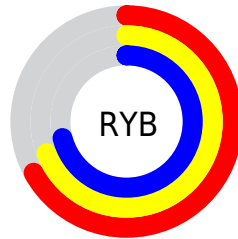
The XYZ color **41.1710, 44.5478, 47.5029** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4131, 42.3441, 47.0671**, and the grayscale version is **41.8751, 44.0558, 47.9768**.

A 20% lighter version of the original color is **76.2395, 82.1480, 88.1818**, and **18.9732, 20.6270, 22.0502** is the 20% darker color. If you saturate the color by 10%, you get **36.6235, 42.3043, 42.7933**, and if you desaturate by 10%, it is **46.3152, 47.0946, 52.5508**.

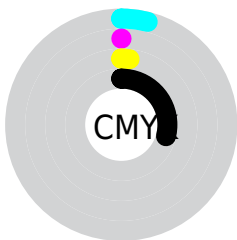
Distribution



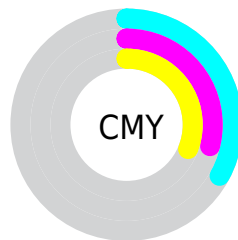
- Red (67%)
- Green (71%)
- Blue (69%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1710, 44.5478, 47.5029 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 41.1710, 44.5478, 47.5029 by changing the saturation by 10% instead.

■ 41.1710, 44.5478,
47.5029

■ 41.1710, 44.5478,
47.5029

342.0852,
364.9390, 393.2701

■ 28.6410, 31.1014,
33.0762

■ 76.2165, 82.0414,
87.8216

■ 18.9523, 20.6761,
21.9132

99.4627, 106.8574,
114.5508

■ 11.7396, 12.8874,
13.5955

127.0116,
136.2321, 146.2178

■ 6.6376, 7.3511,
7.7043

159.2286,
170.5498, 183.2412

■ 3.2808, 3.6826,
3.8213

196.4792,
210.1950, 226.0396

■ 1.3039, 1.4977,
1.5278

239.1285,

■ 0.1862, 0.2871,

255.5519, 275.0315

0.2385

287.5421,
307.0052, 330.6355

■ 0.0000, 0.0000,
0.0000

■ 41.1710, 44.5478,
47.5029

■ 41.1710, 44.5478,
47.5029

■ 36.6235, 42.3043,
42.7933

■ 46.3152, 47.0946,
52.5508

■ 32.6466, 40.3469,
38.4120

■ 52.0737, 49.9499,
57.9407

■ 29.2174, 38.6654,
34.3529

■ 58.4679, 53.1258,
63.6804

■ 26.3102, 37.2466,
30.6083

■ 65.5171, 56.6322,
69.7760

■ 23.8973, 36.0763,
27.1705

■ 70.6159, 59.1258,
76.1110

■ 21.9479, 35.1388,
24.0312

■ 71.8484, 59.6188,
82.6010

■ 20.4280, 34.4168,
21.1819

■ 73.1461, 60.1379,
89.4350

■ 19.2982, 33.8900,
18.6134

■ 74.5102, 60.6835,
96.6181

■ 18.5114, 33.5344,
16.3159

■ 75.6121, 61.1243,
102.4207

Harmonies

Analogous

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



41.5001, 44.5478, 45.9845



41.1710, 44.5478, 47.5029



41.1534, 44.5478, 49.3273

Triad

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



41.1710, 44.5478, 47.5029



42.6275, 44.5478, 52.0211



43.2435, 44.5478, 46.1198

Complementary

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



41.1710, 44.5478, 47.5029



41.4131, 42.3441, 47.0671

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.



43.5519, 44.5478, 47.6919



41.1710, 44.5478, 47.5029



43.1939, 44.5478, 51.1159

Square

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



41.1710, 44.5478, 47.5029



41.9900, 44.5478, 51.9674



43.5337, 44.5478, 49.5211



42.6947, 44.5478, 45.1999

Rectangle

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



41.1710, 44.5478, 47.5029



41.3204, 44.5478, 50.4741



43.5337, 44.5478, 49.5211



43.3789, 44.5478, 46.5878

Sweetspot

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



41.1723, 44.5497, 47.5039



77.7242, 82.2938, 89.1984



41.7040, 44.8689, 45.4929



16.8097, 17.7919, 19.2896



86.6293, 91.1408, 99.2523



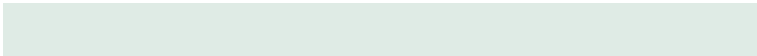
17.0014, 17.8868, 19.4787

Same Dimension

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



41.1723, 44.5497, 47.5039



74.0909, 80.4974, 85.5658



41.5607, 44.7051, 49.5496



8.9428, 9.7475, 10.3354



12.7122, 23.3108, 10.7530



0.4294, 0.7452, 0.4934

Inverse Universe

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



41.4131, 42.3441, 47.0671



74.5882, 75.9425, 84.6637



41.0355, 42.1931, 45.0788



9.0090, 9.1418, 10.2155



14.4599, 7.3015, 7.5816



0.4844, 0.2415, 0.3936

Previews

White Background



This preview shows how the XYZ color 41.1710, 44.5478, 47.5029 looks on a white background.

Color Contrast Check

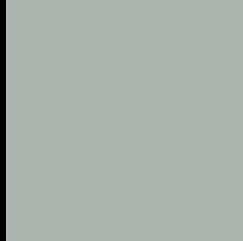
Large Text (above 18pt) WCAG AA × Fail

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 41.1710, 44.5478, 47.5029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

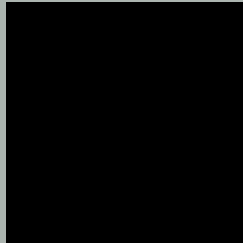
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

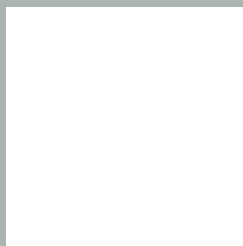
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1710, 44.5478, 47.5029

Background



This preview shows how black text looks on a background with the XYZ color 41.1710, 44.5478, 47.5029.



This preview shows how white text looks on a background with the XYZ color 41.1710, 44.5478,

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

41.1710, 44.5478, 47.5029

Protanopia

42.6535, 44.4454, 46.3751

Deuteranopia

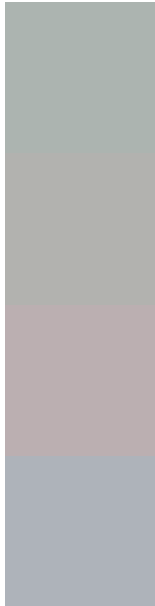
45.2941, 44.3215, 48.2871



Tritanopia

43.1140, 44.7605, 56.2365

Trichromacy



Original Color

41.1710, 44.5478, 47.5029

Protanomaly

42.0184, 44.4009, 46.9131

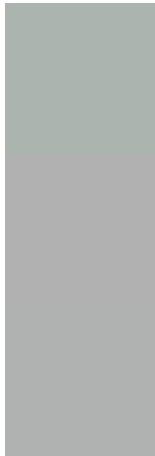
Deuteranomaly

43.7593, 44.3991, 47.8585

Tritanomaly

42.4386, 44.7840, 52.8618

Monochromacy



Original Color

41.1710, 44.5478, 47.5029

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5354, 44.1291, 47.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1710, 44.5478, 47.5029 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(172, 180, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 180, 176)  
}
```

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(172, 180, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 180, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.1710, 44.5478, 47.5029 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(172, 180, 176) }
```


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

```
.border{ border-color:rgb(172, 180, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 180, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 180, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 180, 176);  
box-shadow:4px 4px 4px 4px rgb(172, 180,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1710, 44.5478, 47.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 180, 176) }
```

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

```
.background{ background-color: rgb(172,  
180, 176) }
```

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