

Converting Colors

XYZ(41.7994, 44.7243, 47.5224)

Have a look what the booklet for
XYZ(41.7994, 44.7243, 47.5224)
contains.

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Color

**XYZ(41.8369, 44.8911,
47.5341)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB4B0
RGB	175, 180, 176
RGB Percent	69%, 71%, 69%
CMY	0.3137, 0.2941, 0.3098
CMYK	0.03, 0.00, 0.02, 0.29
HSL	132°, 3%, 70%
HSV	132°, 3%, 71%
XYZ	41.8369, 44.8911, 47.5341
YIQ	178.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

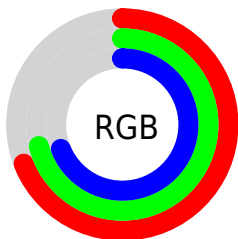
Format	Color
RYB	175, 179, 180
Decimal	11515056
CIELab	72.82, -2.50, 1.42
CIELCh	73, 2.875, 150.459
Yxy	44.8911, 0.3116, 0.3344
Android (android.graphics.Color)	4289705136 (0xFFAFB4B0)
YUV	178.0490, -1.0102, -2.6740
Hunter-Lab	67.0008, -5.7918, 4.8370

Details

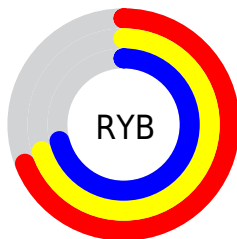
The XYZ color **41.8369, 44.8911, 47.5341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2907, 43.6190, 48.8403**, and the grayscale version is **42.3497, 44.5552, 48.5206**.

A 20% lighter version of the original color is **77.5159, 82.8060, 88.2416**, and **19.3958, 20.8449, 22.0700** is the 20% darker color. If you saturate the color by 10%, you get **36.7129, 42.4069, 40.2465**, and if you desaturate by 10%, it is **47.6532, 47.7173, 55.6452**.

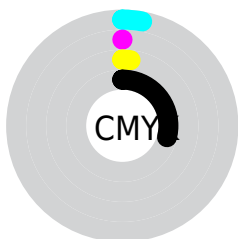
Distribution



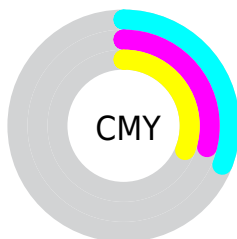
- Red (69%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (70%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8369, 44.8911, 47.5341 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 41.8369, 44.8911, 47.5341 by changing the saturation by 10% instead.

■ 41.8369, 44.8911,
47.5341

■ 41.8369, 44.8911,
47.5341

344.8095,
366.3323, 393.3977

■ 29.1642, 31.3717,
33.1007

■ 77.2194, 82.5570,
87.8686

■ 19.3499, 20.8820,
21.9319

100.6599,
107.4722, 114.6069

■ 12.0289, 13.0378,
13.6090

128.4204,
136.9548, 146.2838

■ 6.8357, 7.4546,
7.7136

160.8662,
171.3892, 183.3179

■ 3.4050, 3.7480,
3.8271

198.3626,
211.1597, 226.1279

■ 1.3714, 1.5336,
1.5310

241.2751,

■ 0.2357, 0.3122,

256.6508, 275.1321

0.2408

289.9689,
308.2469, 330.7492

■ 0.0000, 0.0000,
0.0000

■ 41.8369, 44.8911,
47.5341

■ 41.8369, 44.8911,
47.5341

■ 36.7129, 42.4069,
40.2465

■ 47.6532, 47.7173,
55.6452

■ 32.2517, 40.2461,
33.7538

■ 54.1825, 50.8918,
64.6013

■ 28.4269, 38.3971,
28.0298

■ 61.4493, 54.4280,
74.4271

■ 25.2091, 36.8452,
23.0460

■ 69.4758, 58.3369,
85.1451

■ 22.5667, 35.5749,
18.7722

■ 74.5069, 60.6822,
96.6003

■ 20.4649, 34.5688,
15.1759

■ 75.6122, 61.1243,
102.4207

■ 18.8652, 33.8078,
12.2221

■ 17.7238, 33.2702,
9.8727

■ 16.9889, 32.9302,
8.0857

Harmonies

Analogous

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



42.1823, 44.8911, 46.5442



41.8369, 44.8911, 47.5341



41.7137, 44.8911, 48.9008

Triad

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



41.8369, 44.8911, 47.5341



42.6753, 44.8911, 51.6833



43.5015, 44.8911, 47.4967

Complementary

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



41.8369, 44.8911, 47.5341



42.2907, 43.6190, 48.8403

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.



43.6360, 44.8911, 48.8567



41.8369, 44.8911, 47.5341



43.1567, 44.8911, 51.2901

Square

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



41.8369, 44.8911, 47.5341



42.1955, 44.8911, 51.3129



43.5093, 44.8911, 50.2486



43.1433, 44.8911, 46.5229

Rectangle

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



41.8369, 44.8911, 47.5341



41.7734, 44.8911, 49.8472



43.5093, 44.8911, 50.2486



43.5745, 44.8911, 47.9229

Sweetspot

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



41.8382, 44.8930, 47.5351



77.6236, 82.2536, 88.6688



42.6707, 45.3336, 47.0592



16.7891, 17.7837, 19.1812



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.



41.8382, 44.8930, 47.5351



75.5886, 81.2657, 85.8080



42.0797, 44.9896, 48.8070



9.0972, 9.8280, 10.3050



11.6332, 22.8792, 5.0712



0.3863, 0.7280, 0.2666

Inverse Universe

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



42.2907, 43.6190, 48.8403



76.4876, 78.7345, 88.4013



42.0481, 43.5220, 47.5630



9.2299, 9.4543, 10.6878



16.6752, 8.1876, 19.2475



0.5432, 0.2650, 0.7033

Previews

White Background



This preview shows how the XYZ color 41.8369, 44.8911, 47.5341 looks on a white background.

Color Contrast Check

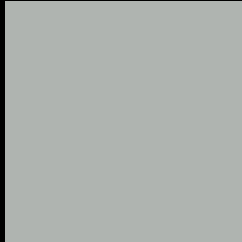
Large Text (above 18pt) WCAG AA × Fail

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 41.8369, 44.8911, 47.5341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

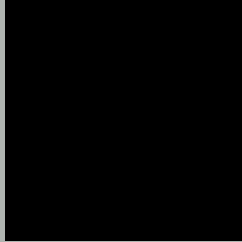
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

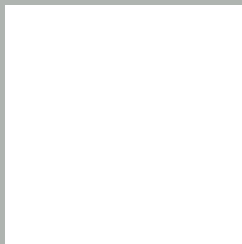
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8369, 44.8911, 47.5341

Background



This preview shows how black text looks on a background with the XYZ color 41.8369, 44.8911, 47.5341.



This preview shows how white text looks on a background with the XYZ color 41.8369, 44.8911,

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

41.8369, 44.8911, 47.5341

Protanopia

43.1867, 45.0032, 46.9677

Deuteranopia

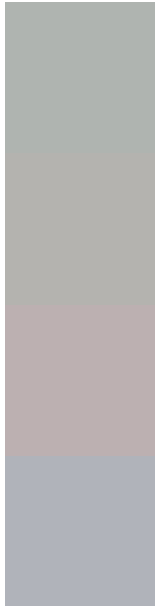
45.6443, 44.7972, 47.8360



Tritanopia

43.5663, 44.9937, 56.2576

Trichromacy



Original Color

41.8369, 44.8911, 47.5341

Protanomaly

42.6804, 45.0386, 47.0013

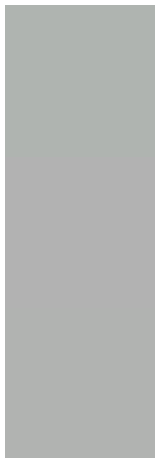
Deuteranomaly

44.2002, 44.9164, 47.9351

Tritanomaly

42.8875, 45.0155, 52.8828

Monochromacy



Original Color

41.8369, 44.8911, 47.5341

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.1874, 44.7616, 48.0113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8369, 44.8911, 47.5341 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(175, 180, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 180, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 180, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.8369, 44.8911, 47.5341 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(175, 180, 176) }
```


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

```
.border{ border-color:rgb(175, 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(175, 180, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 180, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 180, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 180,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8369, 44.8911, 47.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 180, 176) }
```

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

```
.background{ background-color: rgb(175,  
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](#).

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