

Converting Colors

XYZ(41.4768, 44.8430, 47.3514)

Have a look what the booklet for
XYZ(41.4768, 44.8430, 47.3514)
contains.

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Color

**XYZ(41.3913, 44.6613,
47.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB4B0
RGB	173, 180, 176
RGB Percent	68%, 71%, 69%
CMY	0.3216, 0.2941, 0.3098
CMYK	0.04, 0.00, 0.02, 0.29
HSL	146°, 4%, 69%
HSV	146°, 4%, 71%
XYZ	41.3913, 44.6613, 47.5132
YIQ	177.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

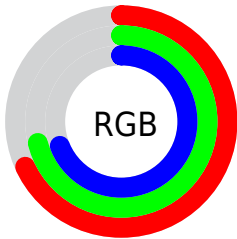
Format	Color
RYB	173, 178, 180
Decimal	11383984
CIELab	72.67, -3.20, 1.18
CIELCh	73, 3.412, 159.802
Yxy	44.6613, 0.3099, 0.3344
Android (android.graphics.Color)	4289574064 (0xFFADB4B0)
YUV	177.4510, -0.7153, -3.9035
Hunter-Lab	66.8291, -6.3951, 4.6272

Details

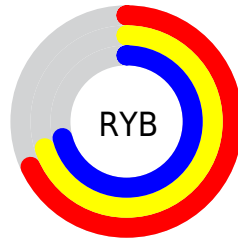
The XYZ color **41.3913, 44.6613, 47.5132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7034, 42.7659, 47.6538**, and the grayscale version is **42.0329, 44.2219, 48.1576**.

A 20% lighter version of the original color is **76.5558, 82.3111, 88.1966**, and **19.1126, 20.6989, 22.0567** is the 20% darker color. If you saturate the color by 10%, you get **36.6964, 42.3555, 42.1793**, and if you desaturate by 10%, it is **46.7022, 47.2783, 53.2806**.

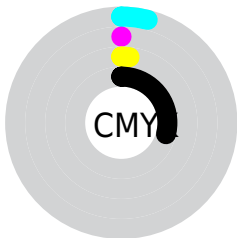
Distribution



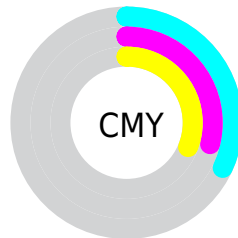
- Red (68%)
- Green (71%)
- Blue (69%)



- Red (68%)
- Yellow (70%)
- Blue (71%)



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



- Cyan (32%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3913, 44.6613, 47.5132 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 41.3913, 44.6613, 47.5132 by changing the saturation by 10% instead.

■ 41.3913, 44.6613,
47.5132

■ 41.3913, 44.6613,
47.5132

342.9881,
365.4001, 393.3122

■ 28.8140, 31.1907,
33.0843

■ 76.5485, 82.2119,
87.8372

■ 19.0837, 20.7441,
21.9194

99.8591, 107.0608,
114.5693

■ 11.8352, 12.9371,
13.5999

127.4782,
136.4711, 146.2396

■ 6.7029, 7.3852,
7.7074

159.7711,
170.8275, 183.2665

■ 3.3217, 3.7042,
3.8232

197.1032,
210.5141, 226.0688

■ 1.3261, 1.5095,
1.5289

239.8398,

■ 0.2026, 0.2954,

255.9155, 275.0647

0.2393

288.3463,
307.4160, 330.6731

■ 0.0000, 0.0000,
0.0000

■ 41.3913, 44.6613,
47.5132

■ 41.3913, 44.6613,
47.5132

■ 36.6964, 42.3555,
42.1793

■ 46.7022, 47.2783,
53.2806

■ 32.5907, 40.3434,
37.2661

■ 52.6471, 50.2118,
59.4882

■ 29.0510, 38.6146,
32.7643

■ 59.2479, 53.4741,
66.1464

■ 26.0511, 37.1558,
28.6629

■ 66.5243, 57.0752,
73.2640

■ 23.5626, 35.9525,
24.9510

■ 71.4891, 59.4750,
80.7092

■ 21.5544, 34.9889,
21.6165

■ 72.9561, 60.0618,
88.4342

■ 19.9918, 34.2475,
18.6472

■ 74.5094, 60.6831,
96.6140

■ 18.8351, 33.7079,
16.0298

■ 75.6121, 61.1242,
102.4207

■ 18.0368, 33.3460,
13.7502

Harmonies

Analogous

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



41.7257, 44.6613, 46.1701



41.3913, 44.6613, 47.5132



41.3389, 44.6613, 49.1849

Triad

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



41.3913, 44.6613, 47.5132



42.6431, 44.6613, 51.9076



43.3285, 44.6613, 46.5742

Complementary

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



41.3913, 44.6613, 47.5132



41.7034, 42.7659, 47.6538

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.



43.5793, 44.6613, 48.0764



41.3913, 44.6613, 47.5132



43.1811, 44.6613, 51.1728

Square

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



41.3913, 44.6613, 47.5132



42.0580, 44.6613, 51.7483



43.5250, 44.6613, 49.7612



42.8429, 44.6613, 45.6368

Rectangle

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



41.3913, 44.6613, 47.5132



41.4704, 44.6613, 50.2646



43.5250, 44.6613, 49.7612



43.4433, 44.6613, 47.0284

Sweetspot

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



41.3926, 44.6632, 47.5142



77.7002, 82.2842, 89.0721



42.0162, 45.0186, 46.0108



16.8048, 17.7900, 19.2637



86.6293, 91.1408, 99.2523



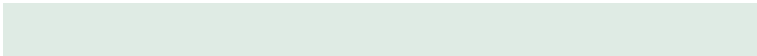
17.0014, 17.8868, 19.4787

Same Dimension

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



41.3926, 44.6632, 47.5142



73.9743, 80.4508, 84.9521



41.7353, 44.8003, 49.3188



8.9273, 9.7414, 10.2538



12.3612, 23.1704, 8.9048



0.4184, 0.7408, 0.4352

Inverse Universe

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



41.7034, 42.7659, 47.6538



74.7053, 75.9894, 85.2804



41.3667, 42.6313, 45.8809



9.0245, 9.1480, 10.2975



14.8759, 7.4679, 9.7724



0.4966, 0.2464, 0.4576

Previews

White Background



This preview shows how the XYZ color 41.3913, 44.6613, 47.5132 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 41.3913, 44.6613, 47.5132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

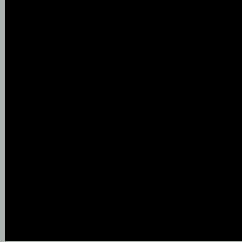
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3913, 44.6613, 47.5132

Background



This preview shows how black text looks on a background with the XYZ color 41.3913, 44.6613, 47.5132.



This preview shows how white text looks on a background with the XYZ color 41.3913, 44.6613,

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

41.3913, 44.6613, 47.5132

Protanopia

42.6535, 44.4454, 46.3751

Deuteranopia

45.2941, 44.3215, 48.2871



Tritanopia

43.1140, 44.7605, 56.2365

Trichromacy



Original Color

41.3913, 44.6613, 47.5132

Protanomaly

42.2487, 44.5196, 46.9238

Deuteranomaly

43.7593, 44.3991, 47.8585

Tritanomaly

42.4386, 44.7840, 52.8618

Monochromacy



Original Color

41.3913, 44.6613, 47.5132

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7607, 44.2452, 47.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3913, 44.6613, 47.5132 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(173, 180, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 180, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.3913, 44.6613, 47.5132 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(173, 180, 176) }
```


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

```
.border{ border-color:rgb(173, 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(173, 180, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3913, 44.6613, 47.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 176) }
```

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

```
.background{ background-color: rgb(173,  
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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