

Converting Colors

XYZ(42.7165, 47.1049, 54.1447)

Have a look what the booklet for
XYZ(42.7165, 47.1049, 54.1447)
contains.

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Color

**XYZ(42.7845, 47.0735,
54.4081)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BABC
RGB	168, 186, 188
RGB Percent	66%, 73%, 74%
CMY	0.3412, 0.2706, 0.2627
CMYK	0.11, 0.01, 0.00, 0.26
HSL	186°, 13%, 70%
HSV	186°, 11%, 74%
XYZ	42.7845, 47.0735, 54.4081
YIQ	180.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

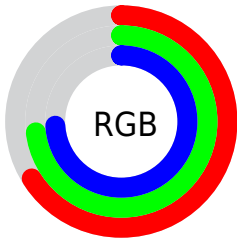
Format	Color
R _Y B	168, 177, 188
Decimal	11057852
CIE Lab	74.24, -5.76, -3.13
CIE LCh	74, 6.551, 208.510
Yxy	47.0735, 0.2966, 0.3263
Android (android.graphics.Color)	4289247932 (0xFFA8BABC)
YUV	180.8460, 3.5269, -11.2659
Hunter-Lab	68.6101, -8.7572, 1.0099

Details

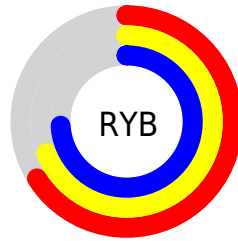
The XYZ color **42.7845, 47.0735, 54.4081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.1820, 42.2679, 42.9820**, and the grayscale version is **43.8249, 46.1072, 50.2107**.

A 20% lighter version of the original color is **78.5127, 85.7239, 97.9963**, and **19.9632, 22.2373, 26.1617** is the 20% darker color. If you saturate the color by 10%, you get **38.6753, 44.3731, 54.1042**, and if you desaturate by 10%, it is **47.4803, 50.0866, 54.7429**.

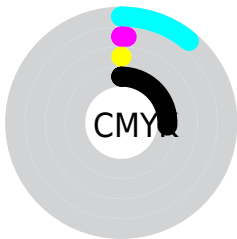
Distribution



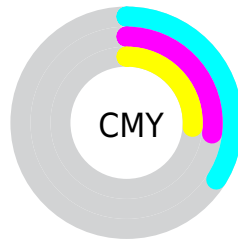
- Red (66%)
- Green (73%)
- Blue (74%)



- Red (66%)
- Yellow (69%)
- Blue (74%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7845, 47.0735, 54.4081 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 42.7845, 47.0735, 54.4081 by changing the saturation by 10% instead.

■ 42.7845, 47.0735,
54.4081

■ 42.7845, 47.0735,
54.4081

348.6613,
375.1078, 420.8829

■ 29.9099, 33.0938,
38.5326

■ 78.6433, 85.8233,
98.1356

■ 19.9179, 22.1983,
26.0913

■ 102.3582,
111.3622, 126.8248

■ 12.4433, 14.0027,
16.6656

130.4172,
141.5229, 160.6222

■ 7.1207, 8.1225,
9.8369

163.1856,
176.6899, 199.9465

■ 3.5847, 4.1734,
5.1868

201.0289,
217.2474, 245.2161

■ 1.4700, 1.7711,
2.2966

244.3124,

■ 0.3053, 0.4690,

263.5800, 296.8497

0.7293

293.4014,
316.0720, 355.2658

■ 0.0000, 0.0000,
0.0000

■ 42.7845, 47.0735,
54.4081

■ 42.7845, 47.0735,
54.4081

■ 38.6753, 44.3731,
54.1042

■ 47.4803, 50.0866,
54.7429

■ 35.1239, 41.9666,
53.8269

■ 52.7818, 53.4185,
55.1066

■ 32.1051, 39.8423,
53.5759

■ 58.7125, 57.0824,
55.5013

■ 29.5903, 37.9855,
53.3501

■ 65.2931, 61.0892,
55.9278

■ 27.5479, 36.3799,
53.1478

■ 69.9202, 64.0968,
56.2645

■ 25.9431, 35.0073,
52.9675

■ 70.3446, 64.9457,
56.4059

■ 24.7359, 33.8474,
52.8072

■ 70.7744, 65.8052,
56.5492

■ 23.8792, 32.8756,
52.6648

■ 71.2095, 66.6754,
56.6942

■ 23.3074, 32.0912,
52.5435

■ 71.6499, 67.5562,
56.8410

Harmonies

Analogous

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



42.5197, 47.0735, 51.0868



42.7845, 47.0735, 54.4081



43.5713, 47.0735, 56.9770

Triad

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



42.7845, 47.0735, 54.4081



46.6977, 47.0735, 54.7122



44.8008, 47.0735, 45.0509

Complementary

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



42.7845, 47.0735, 54.4081



42.1820, 42.2679, 42.9820

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.



45.9334, 47.0735, 45.9296



42.7845, 47.0735, 54.4081



47.0403, 47.0735, 51.4236

Square

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



42.7845, 47.0735, 54.4081



45.8298, 47.0735, 57.1580



46.7582, 47.0735, 48.2262



43.6715, 47.0735, 45.7732

Rectangle

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



42.7845, 47.0735, 54.4081



44.2931, 47.0735, 57.8657



46.7582, 47.0735, 48.2262



45.1938, 47.0735, 45.1681

Sweetspot

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



42.7859, 47.0755, 54.4091



83.8991, 89.4049, 99.0611



41.3567, 47.1818, 44.7932



17.8903, 19.1292, 21.2920



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.7859, 47.0755, 54.4091



75.5242, 84.0023, 98.4597



40.8172, 43.1381, 53.7529



9.7250, 10.6422, 12.2138



15.8996, 21.9108, 35.7841



0.6466, 0.9059, 1.4096

Inverse Universe

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



43.6057, 42.2428, 52.3121



77.3449, 73.3411, 93.7867



44.0618, 46.0275, 43.6086



9.8878, 9.6794, 11.7980



19.0261, 9.2416, 26.4949



0.7573, 0.3668, 1.1011

Previews

White Background



This preview shows how the XYZ color 42.7845, 47.0735, 54.4081 looks on a white background.

Color Contrast Check

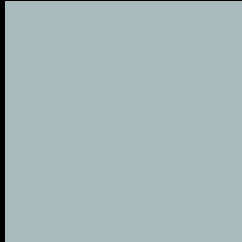
Large Text (above 18pt) WCAG AA × Fail

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 42.7845, 47.0735, 54.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

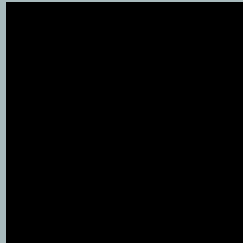
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

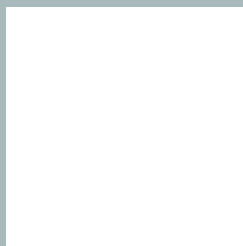
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7845, 47.0735, 54.4081

Background



This preview shows how black text looks on a background with the XYZ color 42.7845, 47.0735, 54.4081.

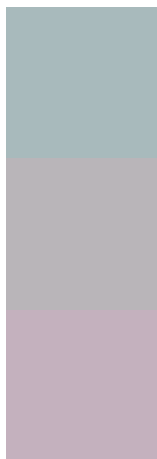


This preview shows how white text looks on a background with the XYZ color 42.7845, 47.0735,

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

42.7845, 47.0735, 54.4081

Protanopia

45.2884, 46.8648, 52.5578

Deuteranopia

47.7814, 46.8977, 55.2490



Tritanopia

44.0269, 46.9505, 60.7747

Trichromacy



Original Color

42.7845, 47.0735, 54.4081

Protanomaly

44.3868, 46.9958, 53.1860

Deuteranomaly

45.7563, 46.7557, 54.7573

Tritanomaly

43.5615, 47.0731, 58.4198

Monochromacy



Original Color

42.7845, 47.0735, 54.4081

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4897, 46.5578, 52.0418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7845, 47.0735, 54.4081 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(168, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 188)  
}
```

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(168, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.7845, 47.0735, 54.4081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

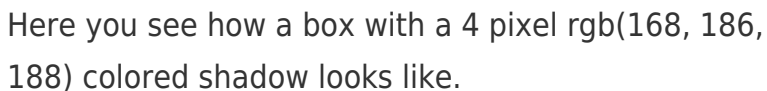
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 186, 188) }
```


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

```
.border{ border-color:rgb(168, 186, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 186, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 186, 188); box-shadow:4px 4px 4px 4px rgb(168, 186, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7845, 47.0735, 54.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 188) }
```

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

```
.background{ background-color: rgb(168,  
186, 188) }
```

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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