

Converting Colors

XYZ(42.9451, 47.0937, 54.4660)

Have a look what the booklet for
XYZ(42.9451, 47.0937, 54.4660)
contains.

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Color

**XYZ(42.9982, 47.1837,
54.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BABC
RGB	169, 186, 188
RGB Percent	66%, 73%, 74%
CMY	0.3372, 0.2706, 0.2627
CMYK	0.10, 0.01, 0.00, 0.26
HSL	186°, 12%, 70%
HSV	186°, 10%, 74%
XYZ	42.9982, 47.1837, 54.4181
YIQ	181.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

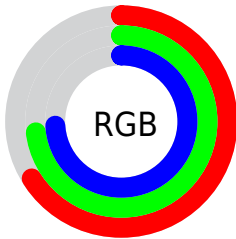
Format	Color
R _Y B	169, 178, 188
Decimal	11123388
CIE Lab	74.31, -5.42, -3.02
CIE LCh	74, 6.205, 209.075
Yxy	47.1837, 0.2974, 0.3263
Android (android.graphics.Color)	4289313468 (0xFFA9BABC)
YUV	181.1450, 3.3795, -10.6512
Hunter-Lab	68.6904, -8.4723, 1.1124

Details

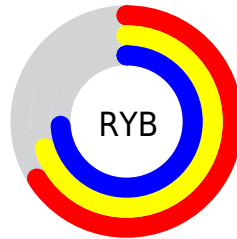
The XYZ color **42.9982, 47.1837, 54.4181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4636, 42.6815, 43.5371**, and the grayscale version is **43.9870, 46.2777, 50.3965**.

A 20% lighter version of the original color is **78.8217, 85.8832, 98.0107**, and **20.0968, 22.3062, 26.1680** is the 20% darker color. If you saturate the color by 10%, you get **38.8383, 44.4267, 54.1059**, and if you desaturate by 10%, it is **47.7465, 50.2551, 54.7614**.

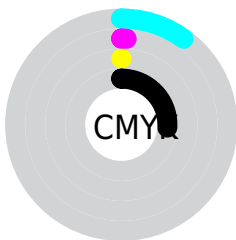
Distribution



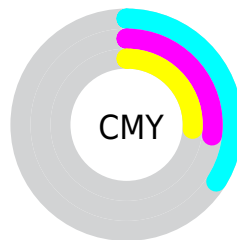
- Red (66%)
- Green (73%)
- Blue (74%)



- Red (66%)
- Yellow (70%)
- Blue (74%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9982, 47.1837, 54.4181 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 42.9982, 47.1837, 54.4181 by changing the saturation by 10% instead.

■ 42.9982, 47.1837,
54.4181

■ 42.9982, 47.1837,
54.4181

349.5260,
375.5473, 420.9220

■ 30.0782, 33.1809,
38.5406

■ 78.9639, 85.9878,
98.1504

■ 20.0463, 22.2651,
26.0974

■ 102.7403,
111.5578, 126.8423

■ 12.5372, 14.0518,
16.6701

130.8662,
141.7524, 160.6428

■ 7.1854, 8.1567,
9.8401

163.7070,
176.9559, 199.9703

■ 3.6257, 4.1954,
5.1889

201.6280,
217.5528, 245.2434

■ 1.4926, 1.7834,
2.2978

244.9946,

■ 0.3208, 0.4768,

263.9274, 296.8807

0.7300

294.1722,
316.4641, 355.3007

■ 0.0000, 0.0000,
0.0000

■ 42.9982, 47.1837,
54.4181

■ 42.9982, 47.1837,
54.4181

■ 38.8383, 44.4267,
54.1059

■ 47.7465, 50.2551,
54.7614

■ 35.2382, 41.9655,
53.8206

■ 53.1023, 53.6471,
55.1338

■ 32.1727, 39.7884,
53.5620

■ 59.0889, 57.3728,
55.5375

■ 29.6132, 37.8806,
53.3286

■ 65.7271, 61.4431,
55.9732

■ 27.5285, 36.2259,
53.1191

■ 70.0312, 64.3188,
56.3015

■ 25.8839, 34.8066,
52.9318

■ 70.4796, 65.2156,
56.4509

■ 24.6398, 33.6020,
52.7649

■ 70.9338, 66.1241,
56.6023

■ 23.7494, 32.5880,
52.6161

■ 71.3940, 67.0444,
56.7557

■ 23.1242, 31.7249,
52.4825

■ 71.8601, 67.9766,
56.9111

Harmonies

Analogous

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



42.7362, 47.1837, 51.2759



42.9982, 47.1837, 54.4181



43.7535, 47.1837, 56.8264

Triad

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



42.9982, 47.1837, 54.4181



46.7118, 47.1837, 54.5968



44.8813, 47.1837, 45.4749

Complementary

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



42.9982, 47.1837, 54.4181



42.4636, 42.6815, 43.5371

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.



45.9580, 47.1837, 46.2839



42.9982, 47.1837, 54.4181



47.0255, 47.1837, 51.4743

Square

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



42.9982, 47.1837, 54.4181



45.8970, 47.1837, 56.9326



46.7474, 47.1837, 48.4476



43.8125, 47.1837, 46.1915

Rectangle

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



42.9982, 47.1837, 54.4181



44.4414, 47.1837, 57.6452



46.7474, 47.1837, 48.4476



45.2544, 47.1837, 45.5769

Sweetspot

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



42.9996, 47.1857, 54.4191



83.8875, 89.3817, 99.0573



41.6873, 47.3387, 45.4190



17.8872, 19.1229, 21.2909



90.7827, 95.5105, 104.0109



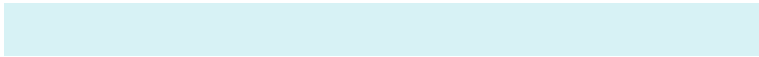
18.6292, 19.5994, 21.3438

Same Dimension

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



42.9996, 47.1857, 54.4191



76.2665, 84.4248, 98.5021



41.0833, 43.3531, 53.7804



9.7206, 10.6335, 12.2123



15.7762, 21.6642, 35.7430



0.6429, 0.8984, 1.4084

Inverse Universe

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



43.7910, 42.6134, 52.3739



77.9788, 74.5871, 94.0648



44.3034, 46.3610, 44.1504



9.8856, 9.6785, 11.7864



18.9639, 9.2167, 26.1671



0.7554, 0.3661, 1.0912

Previews

White Background



This preview shows how the XYZ color 42.9982, 47.1837, 54.4181 looks on a white background.

Color Contrast Check

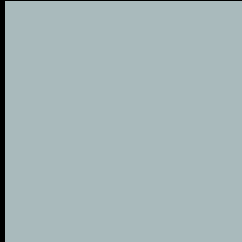
Large Text (above 18pt) WCAG AA × Fail

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 42.9982, 47.1837, 54.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

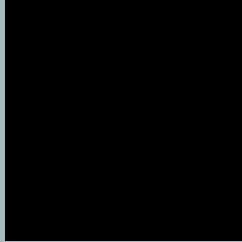
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

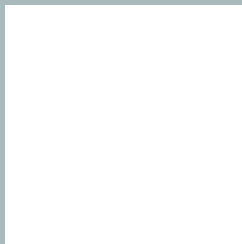
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9982, 47.1837, 54.4181

Background



This preview shows how black text looks on a background with the XYZ color 42.9982, 47.1837, 54.4181.

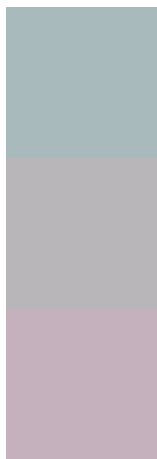


This preview shows how white text looks on a background with the XYZ color 42.9982, 47.1837,

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

42.9982, 47.1837, 54.4181

Protanopia

45.4925, 47.2730, 52.6258

Deuteranopia

48.0424, 47.0323, 55.2612



Tritanopia

44.2439, 47.0624, 60.7849

Trichromacy



Original Color

42.9982, 47.1837, 54.4181

Protanomaly

44.3868, 46.9958, 53.1860

Deuteranomaly

46.0001, 46.8814, 54.7687

Tritanomaly

43.7769, 47.1841, 58.4299

Monochromacy



Original Color

42.9982, 47.1837, 54.4181

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7167, 46.6748, 52.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9982, 47.1837, 54.4181 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(169, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 186, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.9982, 47.1837, 54.4181 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(169, 186, 188) }
```


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

```
.border{ border-color:rgb(169, 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(169, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 186,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9982, 47.1837, 54.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 186, 188) }
```

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

```
.background{ background-color: rgb(169,  
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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