

Converting Colors

XYZ(42.8645, 47.1215, 52.3442)

Have a look what the booklet for
XYZ(42.8645, 47.1215, 52.3442)
contains.

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Color

**XYZ(42.7882, 47.1246,
52.1882)**

Conversions

Conversions Part 1

Format	Color
Hex	AABAB8
RGB	170, 186, 184
RGB Percent	67%, 73%, 72%
CMY	0.3333, 0.2706, 0.2784
CMYK	0.09, 0.00, 0.01, 0.27
HSL	172°, 10%, 70%
HSV	172°, 9%, 73%
XYZ	42.7882, 47.1246, 52.1882
YIQ	180.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

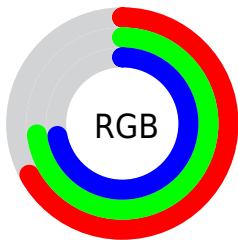
Format	Color
RYB	170, 179, 186
Decimal	11188920
CIELab	74.27, -5.89, -0.88
CIELCh	74, 5.952, 188.524
Yxy	47.1246, 0.3011, 0.3316
Android (android.graphics.Color)	4289379000 (0xFFAABAB8)
YUV	180.9880, 1.4849, -9.6365
Hunter-Lab	68.6474, -8.8730, 2.9788

Details

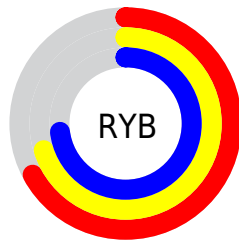
The XYZ color **42.7882, 47.1246, 52.1882** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0725, 42.1683, 44.9537**, and the grayscale version is **43.9113, 46.1981, 50.3097**.

A 20% lighter version of the original color is **78.5316, 85.8031, 94.8607**, and **19.9555, 22.2653, 24.7186** is the 20% darker color. If you saturate the color by 10%, you get **38.8066, 45.1013, 50.7392**, and if you desaturate by 10%, it is **47.3454, 49.4468, 53.6870**.

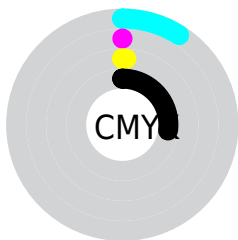
Distribution



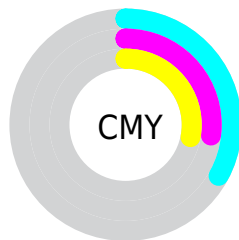
- Red (67%)
- Green (73%)
- Blue (72%)



- Red (67%)
- Yellow (70%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7882, 47.1246, 52.1882 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 42.7882, 47.1246, 52.1882 by changing the saturation by 10% instead.

■ 42.7882, 47.1246,
52.1882

■ 42.7882, 47.1246,
52.1882

348.6763,
375.3117, 412.1403

■ 29.9128, 33.1342,
36.7718

■ 78.6489, 85.8996,
94.8381

■ 19.9201, 22.2292,
24.7365

102.3648,
111.4529, 122.9088

■ 12.4449, 14.0254,
15.6636

130.4249,
141.6293, 156.0346

■ 7.1218, 8.1384,
9.1347

163.1947,
176.8133, 194.6342

■ 3.5854, 4.1836,
4.7311

201.0393,
217.3891, 239.1260

■ 1.4704, 1.7768,
2.0344

244.3242,

■ 0.3055, 0.4726,

263.7411, 289.9286

0.5763

293.4148,
316.2539, 347.4605

■ 0.0000, 0.0000,
0.0000

■ 42.7882, 47.1246,
52.1882

■ 42.7882, 47.1246,
52.1882

■ 38.8066, 45.1013,
50.7392

■ 47.3454, 49.4468,
53.6870

■ 35.3729, 43.3586,
49.3358

■ 52.4966, 52.0735,
55.2337

■ 32.4628, 41.8855,
47.9777

■ 58.2644, 55.0175,
56.8305

■ 30.0490, 40.6677,
46.6634

■ 64.6688, 58.2892,
58.4783

■ 28.1014, 39.6898,
45.3915

■ 68.7229, 60.3489,
60.0374

■ 26.5868, 38.9347,
44.1604

■ 68.9894, 60.4555,
61.4408

■ 25.4675, 38.3829,
42.9681

■ 69.2600, 60.5637,
62.8659

■ 24.6992, 38.0116,
41.8125

■ 69.5348, 60.6736,
64.3128

■ 24.2076, 37.7825,
40.6901

■ 69.8137, 60.7852,
65.7817

Harmonies

Analogous

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



42.9047, 47.1246, 49.1853



42.7882, 47.1246, 52.1882



43.2015, 47.1246, 55.0654

Triad

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



42.7882, 47.1246, 52.1882



46.0831, 47.1246, 56.0557



45.5473, 47.1246, 46.0249

Complementary

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



42.7882, 47.1246, 52.1882



42.0725, 42.1683, 44.9537

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.



46.4181, 47.1246, 47.7306



42.7882, 47.1246, 52.1882



46.7308, 47.1246, 53.4964

Square

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



42.7882, 47.1246, 52.1882



45.0959, 47.1246, 57.3558



46.8543, 47.1246, 50.4430



44.4865, 47.1246, 45.7060

Rectangle

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



42.7882, 47.1246, 52.1882



43.7257, 47.1246, 56.4971



46.8543, 47.1246, 50.4430



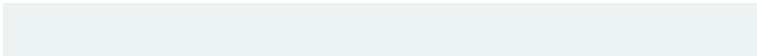
45.8725, 47.1246, 46.4518

Sweetspot

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



42.7895, 47.1266, 52.1892



82.0099, 87.6836, 96.0882



41.8586, 46.8079, 44.8595



17.9125, 19.2343, 21.1118



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.



42.7895, 47.1266, 52.1892



76.3597, 84.8074, 94.1751



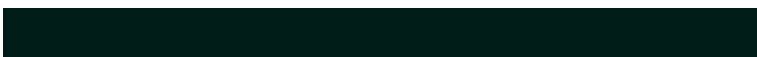
41.7901, 44.7892, 52.8994



9.2170, 10.1908, 11.3000



16.2628, 25.4061, 27.3694



0.5870, 0.9011, 1.0368

Inverse Universe

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



42.0725, 42.1683, 44.9537



74.8405, 74.3008, 78.8435



43.0063, 44.3413, 44.3229



9.0491, 9.0300, 9.6062



13.7450, 7.0717, 1.2778



0.4995, 0.2553, 0.1238

Previews

White Background



This preview shows how the XYZ color 42.7882, 47.1246, 52.1882 looks on a white background.

Color Contrast Check

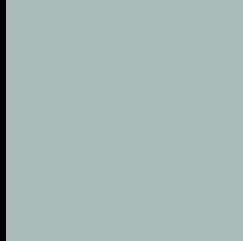
Large Text (above 18pt) WCAG AA × Fail

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 42.7882, 47.1246, 52.1882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

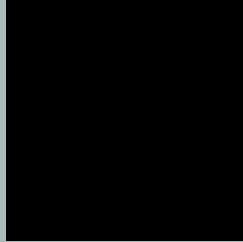
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

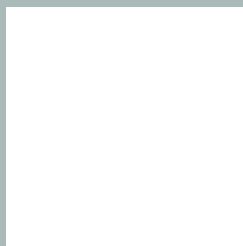
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7882, 47.1246, 52.1882

Background



This preview shows how black text looks on a background with the XYZ color 42.7882, 47.1246, 52.1882.

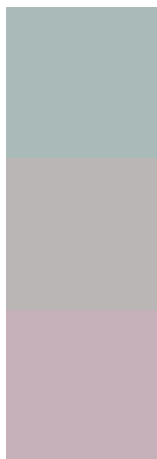


This preview shows how white text looks on a background with the XYZ color 42.7882, 47.1246,

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

42.7882, 47.1246, 52.1882

Protanopia

45.3181, 47.2312, 50.4441

Deuteranopia

47.8738, 46.9952, 53.0021



Tritanopia

44.3468, 47.1289, 60.1855

Trichromacy



Original Color

42.7882, 47.1246, 52.1882

Protanomaly

44.1994, 46.9477, 50.9882

Deuteranomaly

45.8173, 46.8367, 52.5245

Tritanomaly

43.7692, 47.2061, 57.2569

Monochromacy



Original Color

42.7882, 47.1246, 52.1882

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5084, 46.5915, 50.9559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7882, 47.1246, 52.1882 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(170, 186, 184) looks like.

```
.text, #text, p{  
    color:rgb(170, 186, 184)  
}
```

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(170, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 186, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.7882, 47.1246, 52.1882 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(170, 186, 184) }
```


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

```
.border{ border-color:rgb(170, 186, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 186, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(170, 186,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7882, 47.1246, 52.1882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 186, 184) }
```

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

```
.background{ background-color: rgb(170,  
186, 184) }
```

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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