

Converting Colors

XYZ(43.0533, 49.0383, 47.7880)

Have a look what the booklet for
XYZ(43.0533, 49.0383, 47.7880)
contains.

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Color

**XYZ(42.9462, 48.9028,
47.7331)**

Conversions

Conversions Part 1

Format	Color
Hex	AABFAF
RGB	170, 191, 175
RGB Percent	67%, 75%, 69%
CMY	0.3333, 0.2510, 0.3137
CMYK	0.11, 0.00, 0.08, 0.25
HSL	134°, 14%, 71%
HSV	134°, 11%, 75%
XYZ	42.9462, 48.9028, 47.7331
YIQ	182.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

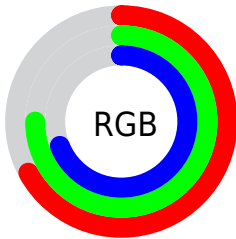
Format	Color
RYB	170, 187, 191
Decimal	11190191
CIELab	75.39, -10.25, 5.64
CIELCh	75, 11.698, 151.185
Yxy	48.9028, 0.3077, 0.3504
Android (android.graphics.Color)	4289380271 (0xFFAABFAF)
YUV	182.8970, -3.8932, -11.3107
Hunter-Lab	69.9305, -12.7568, 8.4813

Details

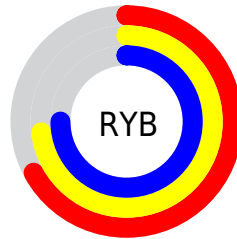
The XYZ color **42.9462, 48.9028, 47.7331** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7252, 43.3721, 52.4710**, and the grayscale version is **44.9780, 47.3203, 51.5318**.

A 20% lighter version of the original color is **78.7359, 88.2986, 88.4948**, and **20.1348, 23.4586, 22.2056** is the 20% darker color. If you saturate the color by 10%, you get **37.7603, 46.3871, 40.4271**, and if you desaturate by 10%, it is **48.8889, 51.7936, 55.8808**.

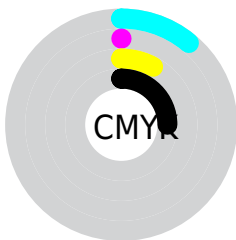
Distribution



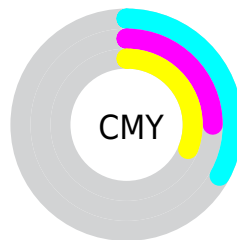
- Red (67%)
- Green (75%)
- Blue (69%)



- Red (67%)
- Yellow (73%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9462, 48.9028, 47.7331 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 42.9462, 48.9028, 47.7331 by changing the saturation by 10% instead.

■ 42.9462, 48.9028,
47.7331

■ 42.9462, 48.9028,
47.7331

349.3157,
382.3595, 394.2114

■ 30.0372, 34.5424,
33.2571

■ 78.8859, 88.5471,
88.1683

■ 20.0151, 23.3106,
22.0507

102.6473,
114.5997, 114.9645

■ 12.5143, 14.8230,
13.6955

130.7570,
145.3186, 146.7046

■ 7.1697, 8.6953,
7.7729

163.5802,
181.0880, 183.8071

■ 3.6157, 4.5430,
3.8643

201.4823,
222.2924, 226.6904

■ 1.4871, 1.9817,
1.5512

244.8287,

■ 0.3170, 0.5968,

269.3162, 275.7732

0.2556

293.9847,
322.5438, 331.4740

■ 0.0000, 0.0000,
0.0000

■ 42.9462, 48.9028,
47.7331

■ 42.9462, 48.9028,
47.7331

■ 37.7603, 46.3871,
40.4271

■ 48.8889, 51.7936,
55.8808

■ 33.2964, 44.2250,
33.9328

■ 55.6130, 55.0675,
64.8924

■ 29.5232, 42.4023,
28.2229

■ 63.1473, 58.7402,
74.7937

■ 26.4053, 40.9015,
23.2677

■ 71.5178, 62.8247,
85.6081

■ 23.9043, 39.7032,
19.0354

■ 76.7789, 65.2864,
97.1724

■ 21.9776, 38.7864,
15.4919

■ 77.9218, 65.7435,
103.1906

■ 20.5767, 38.1267,
12.6006

■ 19.6449, 37.6959,
10.3209

■ 19.1146, 37.4566,
8.7531

Harmonies

Analogous

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



44.3694, 48.9028, 43.7323



42.9462, 48.9028, 47.7331



42.4625, 48.9028, 53.4924

Triad

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



42.9462, 48.9028, 47.7331



46.5663, 48.9028, 66.0048



50.1138, 48.9028, 47.3394

Complementary

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



42.9462, 48.9028, 47.7331



44.7252, 43.3721, 52.4710

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.



50.7446, 48.9028, 53.0021



42.9462, 48.9028, 47.7331



48.6578, 48.9028, 64.0500

Square

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



42.9462, 48.9028, 47.7331



44.5133, 48.9028, 64.3277



50.2039, 48.9028, 59.1696



48.5051, 48.9028, 43.5177

Rectangle

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



42.9462, 48.9028, 47.7331



42.7256, 48.9028, 57.6483



50.2039, 48.9028, 59.1696



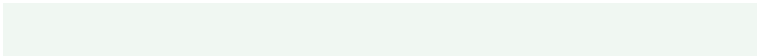
50.4495, 48.9028, 49.0753

Sweetspot

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



42.9476, 48.9049, 47.7342



85.2605, 91.6413, 96.9601



46.1624, 50.6179, 45.3680



18.5263, 20.0282, 21.0242



92.9021, 97.7402, 106.4391



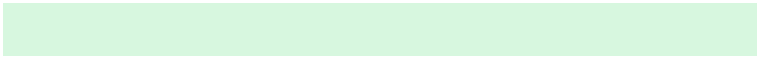
19.4759, 20.4902, 22.3138

Same Dimension

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



42.9476, 48.9049, 47.7342



74.7484, 86.5320, 82.4686



44.0092, 49.3295, 53.3246



9.4994, 10.6859, 10.6133



12.5880, 24.6255, 5.8931



0.5195, 0.9752, 0.3700

Inverse Universe

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



44.7252, 43.3721, 52.4710



78.5142, 74.8110, 92.5023



43.6590, 42.9456, 46.8564



9.8302, 9.6564, 11.4948



17.5384, 8.6465, 18.6608



0.7109, 0.3483, 0.8570

Previews

White Background



This preview shows how the XYZ color 42.9462, 48.9028, 47.7331 looks on a white background.

Color Contrast Check

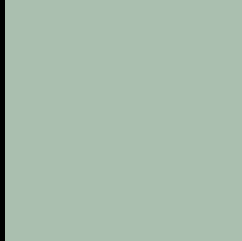
Large Text (above 18pt) WCAG AA × Fail

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 42.9462, 48.9028, 47.7331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

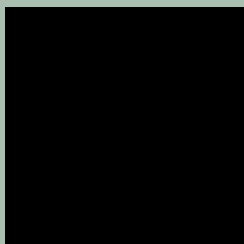
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

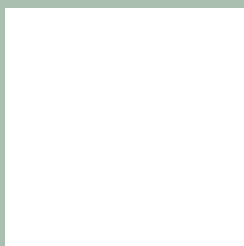
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9462, 48.9028, 47.7331

Background



This preview shows how black text looks on a background with the XYZ color 42.9462, 48.9028, 47.7331.



This preview shows how white text looks on a background with the XYZ color 42.9462, 48.9028,

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

42.9462, 48.9028, 47.7331

Protanopia

46.5336, 48.8829, 46.0125

Deuteranopia

49.5095, 48.5363, 48.3540



Tritanopia

45.8866, 48.8036, 62.8787

Trichromacy



Original Color

42.9462, 48.9028, 47.7331

Protanomaly

45.0803, 48.7481, 46.5685

Deuteranomaly

46.7623, 48.3390, 47.9400

Tritanomaly

44.7312, 48.6564, 56.9032

Monochromacy



Original Color

42.9462, 48.9028, 47.7331

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1572, 47.8781, 50.0941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9462, 48.9028, 47.7331 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, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(170, 191, 175)  
}
```

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, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 191, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.9462, 48.9028, 47.7331 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, 191, 175) }
```


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

```
.border{ border-color:rgb(170, 191, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 191, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 191, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 191, 175);  
box-shadow:4px 4px 4px 4px rgb(170, 191,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9462, 48.9028, 47.7331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 191, 175) }
```

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

```
.background{ background-color: rgb(170,  
191, 175) }
```

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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