

Converting Colors

XYZ(42.6273, 47.7595, 50.3811)

Have a look what the booklet for
XYZ(42.6273, 47.7595, 50.3811)
contains.

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Color

**XYZ(42.5836, 47.6967,
50.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BCB4
RGB	169, 188, 180
RGB Percent	66%, 74%, 71%
CMY	0.3372, 0.2627, 0.2941
CMYK	0.10, 0.00, 0.04, 0.26
HSL	155°, 12%, 70%
HSV	155°, 10%, 74%
XYZ	42.5836, 47.6967, 50.1420
YIQ	181.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

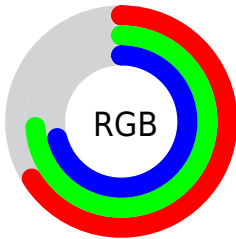
Format	Color
R _Y B	169, 181, 188
Decimal	11123892
CIE Lab	74.63, -8.07, 1.82
CIE LCh	75, 8.269, 167.299
Yxy	47.6967, 0.3033, 0.3397
Android (android.graphics.Color)	4289313972 (0xFFA9BCB4)
YUV	181.4070, -0.6937, -10.8809
Hunter-Lab	69.0628, -10.7981, 5.2974

Details

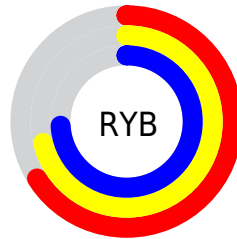
The XYZ color **42.5836, 47.6967, 50.1420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.8645, 42.2428, 47.4916**, and the grayscale version is **44.1494, 46.4486, 50.5825**.

A 20% lighter version of the original color is **78.2315, 86.6048, 91.9500**, and **19.8309, 22.6422, 23.4038** is the 20% darker color. If you saturate the color by 10%, you get **38.0532, 45.4531, 45.8396**, and if you desaturate by 10%, it is **47.7427, 50.2618, 54.7163**.

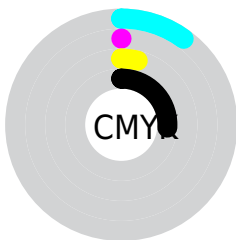
Distribution



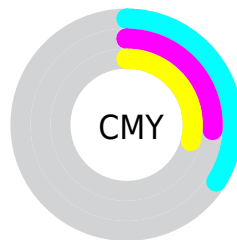
- Red (66%)
- Green (74%)
- Blue (71%)



- Red (66%)
- Yellow (71%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5836, 47.6967, 50.1420 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 42.5836, 47.6967, 50.1420 by changing the saturation by 10% instead.

■ 42.5836, 47.6967,
50.1420

■ 42.5836, 47.6967,
50.1420

347.8471,
377.5887, 403.9720

■ 29.7516, 33.5868,
35.1543

■ 78.3418, 86.7526,
91.7837

■ 19.7973, 22.5763,
23.4972

101.9987,
112.4674, 119.2748

■ 12.3552, 14.2810,
14.7523

129.9946,
142.8193, 151.7707

■ 7.0600, 8.3164,
8.5011

162.6949,
178.1927, 189.6900

■ 3.5463, 4.2980,
4.3249

200.4650,
218.9719, 233.4512

■ 1.4488, 1.8416,
1.8052

243.6701,

■ 0.2906, 0.5129,

265.5414, 283.4729

0.4314

292.6757,
318.2855, 340.1737

■ 0.0000, 0.0000,
0.0000

■ 42.5836, 47.6967,
50.1420

■ 42.5836, 47.6967,
50.1420

■ 38.0532, 45.4531,
45.8396

■ 47.7427, 50.2618,
54.7163

■ 34.1222, 43.5119,
41.8009

■ 53.5504, 53.1545,
59.5644

■ 30.7647, 41.8612,
38.0216

■ 60.0307, 56.3884,
64.6923

■ 27.9512, 40.4859,
34.4960

■ 67.2051, 59.9746,
70.1045

■ 25.6499, 39.3697,
31.2184

■ 72.0880, 62.3738,
75.6651

■ 23.8250, 38.4943,
28.1826

■ 73.1593, 62.8023,
81.3064

■ 22.4362, 37.8388,
25.3823

■ 74.2809, 63.2509,
87.2126

■ 21.4359, 37.3790,
22.8104

■ 75.4534, 63.7199,
93.3873

■ 20.7352, 37.0686,
20.4818

■ 76.6776, 64.2096,
99.8336

Harmonies

Analogous

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



43.2514, 47.6967, 46.5407



42.5836, 47.6967, 50.1420



42.6410, 47.6967, 54.4240

Triad

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



42.5836, 47.6967, 50.1420



46.1957, 47.6967, 60.2094



47.3147, 47.6967, 46.1073

Complementary

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



42.5836, 47.6967, 50.1420



42.8645, 42.2428, 47.4916

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.



48.1387, 47.6967, 49.5204



42.5836, 47.6967, 50.1420



47.4829, 47.6967, 57.7277

Square

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



42.5836, 47.6967, 50.1420



44.7043, 47.6967, 60.3986



48.2009, 47.6967, 53.7674



45.9701, 47.6967, 44.2990

Rectangle

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



42.5836, 47.6967, 50.1420



43.0827, 47.6967, 57.0914



48.2009, 47.6967, 53.7674



47.6630, 47.6967, 47.0962

Sweetspot

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



42.5849, 47.6987, 50.1431



83.6525, 89.6602, 96.6712



43.3309, 48.2077, 44.5580



17.8235, 19.1987, 20.6434



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.



42.5849, 47.6987, 50.1431



75.3674, 85.5458, 89.2033



43.1547, 47.4955, 54.4723



9.6340, 10.7397, 11.3223



14.1547, 25.2522, 14.1433



0.5865, 1.0019, 0.7225

Inverse Universe

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



42.8645, 42.2428, 47.4916



75.9702, 73.7837, 83.4875



42.3267, 42.4066, 43.4912



9.6924, 9.6012, 10.7690



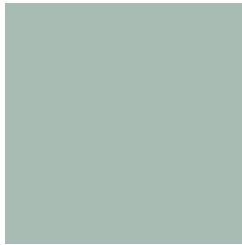
15.1208, 7.6795, 5.9300



0.6250, 0.3139, 0.4046

Previews

White Background



This preview shows how the XYZ color 42.5836, 47.6967, 50.1420 looks on a white background.

Color Contrast Check

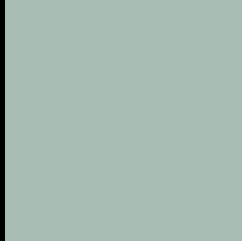
Large Text (above 18pt) WCAG AA × Fail

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 42.5836, 47.6967, 50.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

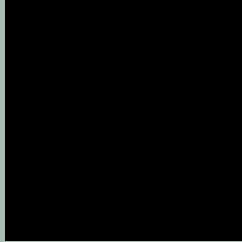
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

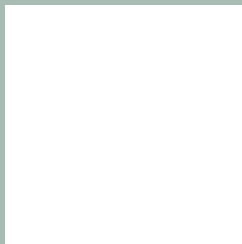
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5836, 47.6967, 50.1420

Background



This preview shows how black text looks on a background with the XYZ color 42.5836, 47.6967, 50.1420.



This preview shows how white text looks on a background with the XYZ color 42.5836, 47.6967,

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

42.5836, 47.6967, 50.1420

Protanopia

45.6083, 47.7327, 48.4045

Deuteranopia

48.2530, 47.2392, 50.8308



Tritanopia

44.7875, 47.6387, 61.4782

Trichromacy



Original Color

42.5836, 47.6967, 50.1420

Protanomaly

44.4409, 47.7360, 48.9912

Deuteranomaly

45.8506, 47.2028, 50.4105

Tritanomaly

43.9791, 47.6260, 57.3269

Monochromacy



Original Color

42.5836, 47.6967, 50.1420

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6124, 46.9643, 50.4825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5836, 47.6967, 50.1420 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, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 180)  
}
```

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, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.5836, 47.6967, 50.1420 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, 188, 180) }
```


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

```
.border{ border-color:rgb(169, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5836, 47.6967, 50.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 180) }
```

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

```
.background{ background-color: rgb(169,  
188, 180) }
```

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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