

Converting Colors

XYZ(42.3907, 50.2080, 45.6240)

Have a look what the booklet for
XYZ(42.3907, 50.2080, 45.6240)
contains.

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Color

**XYZ(42.5127, 50.3815,
45.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C4AA
RGB	165, 196, 170
RGB Percent	65%, 77%, 67%
CMY	0.3529, 0.2314, 0.3333
CMYK	0.16, 0.00, 0.13, 0.23
HSL	130°, 21%, 71%
HSV	130°, 16%, 77%
XYZ	42.5127, 50.3815, 45.5141
YIQ	183.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

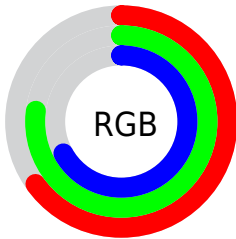
Format	Color
RYB	165, 192, 196
Decimal	10863786
CIELab	76.30, -15.48, 9.60
CIElCh	76, 18.213, 148.181
Yxy	50.3815, 0.3072, 0.3640
Android (android.graphics.Color)	4289053866 (0xFFA5C4AA)
YUV	183.7670, -6.7871, -16.4587
Hunter-Lab	70.9799, -17.3041, 11.6677

Details

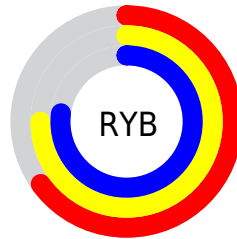
The XYZ color **42.5127, 50.3815, 45.5141** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6259, 42.4089, 55.0737**, and the grayscale version is **45.4728, 47.8409, 52.0988**.

A 20% lighter version of the original color is **78.2311, 90.9024, 84.6569**, and **19.7531, 24.1647, 20.7627** is the 20% darker color. If you saturate the color by 10%, you get **37.2851, 47.8566, 37.6531**, and if you desaturate by 10%, it is **48.5624, 53.3106, 54.4309**.

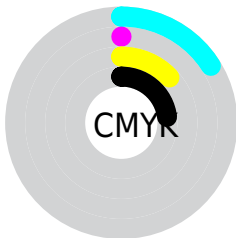
Distribution



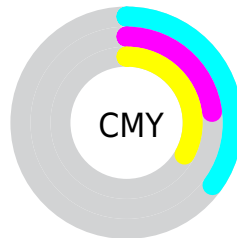
- Red (65%)
- Green (77%)
- Blue (67%)



- Red (65%)
- Yellow (75%)
- Blue (77%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (35%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5127, 50.3815, 45.5141 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 42.5127, 50.3815, 45.5141 by changing the saturation by 10% instead.

■ 42.5127, 50.3815,
45.5141

■ 42.5127, 50.3815,
45.5141

347.5595,
388.1560, 385.0724

■ 29.6958, 35.7166,
31.5167

■ 78.2353, 90.7399,
84.8179

■ 19.7547, 24.2154,
20.7308

■ 101.8717,
117.2021, 110.9614

■ 12.3241, 15.4935,
12.7381

129.8454,
148.3657, 141.9907

■ 7.0386, 9.1665,
7.1198

162.5216,
184.6149, 178.3243

■ 3.5328, 4.8499,
3.4576

200.2658,
226.3341, 220.3807

■ 1.4414, 2.1595,
1.3328

243.4432,

■ 0.2854, 0.6978,

273.9077, 268.5785

0.0884

292.4194,
327.7202, 323.3362

■ 0.0000, 0.0000,
0.0000

■ 42.5127, 50.3815,
45.5141

■ 42.5127, 50.3815,
45.5141

■ 37.2851, 47.8566,
37.6531

■ 48.5624, 53.3106,
54.4309

■ 32.8399, 45.7120,
30.8056

■ 55.4634, 56.6539,
64.4371

■ 29.1404, 43.9310,
24.9312

■ 63.2485, 60.4289,
75.5689

■ 26.1452, 42.4933,
19.9859

■ 71.9476, 64.6504,
87.8599

■ 23.8090, 41.3764,
15.9218

■ 78.5830, 67.7827,
101.2017

■ 22.0808, 40.5553,
12.6871

■ 79.0309, 67.9618,
103.5603

■ 20.9021, 40.0010,
10.2245

■ 20.2013, 39.6778,
8.4691

■ 19.9964, 39.5840,
7.9255

Harmonies

Analogous

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



44.8471, 50.3815, 39.8740



42.5127, 50.3815, 45.5141



41.6093, 50.3815, 54.2612

Triad

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



42.5127, 50.3815, 45.5141



47.6777, 50.3815, 75.9165



53.9198, 50.3815, 46.4345

Complementary

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



42.5127, 50.3815, 45.5141



45.6259, 42.4089, 55.0737

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.



54.7643, 50.3815, 55.4569



42.5127, 50.3815, 45.5141



51.0594, 50.3815, 73.1891

Square

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



42.5127, 50.3815, 45.5141



44.5019, 50.3815, 72.4670



53.6942, 50.3815, 65.3980



51.4377, 50.3815, 40.3592

Rectangle

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



42.5127, 50.3815, 45.5141



41.9060, 50.3815, 60.9458



53.6942, 50.3815, 65.3980



54.4097, 50.3815, 49.1877

Sweetspot

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



42.5141, 50.3836, 45.5152



88.8395, 96.9918, 99.8709



48.1075, 53.3208, 43.3543



18.8354, 20.6731, 21.1137



0.0000, 0.0000, 0.0000



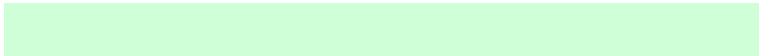
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5141, 50.3836, 45.5152



73.5507, 89.5943, 77.2792



44.0314, 50.9906, 53.5053



10.0092, 11.2847, 11.0519



12.8692, 25.4418, 5.2044



0.5773, 1.1078, 0.3369

Inverse Universe

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



45.6259, 42.4089, 55.0737



80.2612, 72.3948, 97.8897



44.0433, 41.7758, 46.7400



10.4253, 10.2187, 12.3300



18.9824, 9.2827, 23.6173



0.8393, 0.4087, 1.1210

Previews

White Background



This preview shows how the XYZ color 42.5127, 50.3815, 45.5141 looks on a white background.

Color Contrast Check

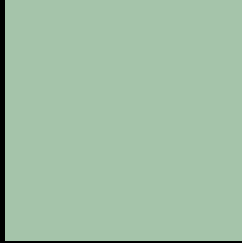
Large Text (above 18pt) WCAG AA × Fail

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 42.5127, 50.3815, 45.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

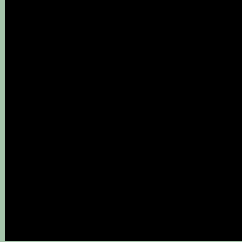
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5127, 50.3815, 45.5141

Background



This preview shows how black text looks on a background with the XYZ color 42.5127, 50.3815, 45.5141.



This preview shows how white text looks on a background with the XYZ color 42.5127, 50.3815,

45.5141.

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

42.5127, 50.3815, 45.5141

Protanopia

47.3268, 49.9930, 42.7525

Deuteranopia

50.9307, 49.9138, 46.4851



Tritanopia

46.5660, 50.3758, 65.6617

Trichromacy



Original Color

42.5127, 50.3815, 45.5141

Protanomaly

45.3961, 49.9312, 43.8043

Deuteranomaly

47.2534, 49.5657, 46.1063

Tritanomaly

45.0578, 50.4252, 57.8103

Monochromacy



Original Color

42.5127, 50.3815, 45.5141

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.2514, 48.5682, 49.6901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5127, 50.3815, 45.5141 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(165, 196, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 196, 170)  
}
```

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(165, 196, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 196, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.5127, 50.3815, 45.5141 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(165, 196, 170) }
```


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

```
.border{ border-color:rgb(165, 196, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 196, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 196, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 196, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 196,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5127, 50.3815, 45.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 196, 170) }
```

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

```
.background{ background-color: rgb(165,  
196, 170) }
```

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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