

Converting Colors

XYZ(42.4323, 50.2702, 42.5845)

Have a look what the booklet for
XYZ(42.4323, 50.2702, 42.5845)
contains.

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Color

**XYZ(42.5892, 50.4850,
42.6219)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C4A4
RGB	168, 196, 164
RGB Percent	66%, 77%, 64%
CMY	0.3412, 0.2314, 0.3569
CMYK	0.14, 0.00, 0.16, 0.23
HSL	113°, 21%, 71%
HSV	113°, 16%, 77%
XYZ	42.5892, 50.4850, 42.6219
YIQ	183.9800, -6.4160, -15.8880

Conversions

Conversions Part 2

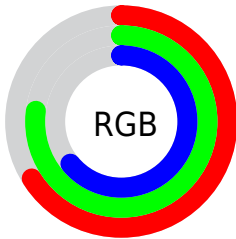
Format	Color
RYB	164, 196, 192
Decimal	11060388
CIELab	76.37, -15.52, 12.95
CIElCh	76, 20.211, 140.159
Yxy	50.4850, 0.3139, 0.3720
Android (android.graphics.Color)	4289250468 (0xFFA8C4A4)
YUV	183.9800, -9.8501, -14.0145
Hunter-Lab	71.0528, -17.3491, 14.1711

Details

The XYZ color **42.5892, 50.4850, 42.6219** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.9796, 41.7444, 57.9140**, and the grayscale version is **45.6053, 47.9803, 52.2505**.

A 20% lighter version of the original color is **78.3429, 91.0530, 80.4637**, and **19.8001, 24.2289, 18.9623** is the 20% darker color. If you saturate the color by 10%, you get **37.5403, 48.0727, 33.8470**, and if you desaturate by 10%, it is **48.3953, 53.2591, 52.8584**.

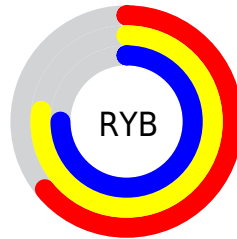
Distribution



Red (66%)

Green (77%)

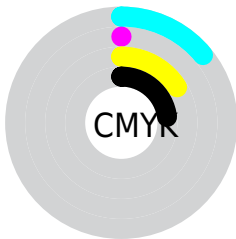
Blue (64%)



Red (64%)

Yellow (77%)

Blue (75%)

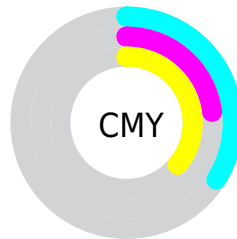


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (23%)



Cyan (34%)


Magenta (23%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5892, 50.4850, 42.6219 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 42.5892, 50.4850, 42.6219 by changing the saturation by 10% instead.


 42.5892, 50.4850,
42.6219


 42.5892, 50.4850,
42.6219

347.8698,
388.5596, 372.9299

 29.7561, 35.7989,
29.2594


 78.3502, 90.8931,
80.4202

 19.8006, 24.2789,
19.0298

 102.0087,
117.3838, 105.6931

 12.3576, 15.5407,
11.5148


130.0064,
148.5783, 135.7731

 7.0617, 9.1997,
6.2957

162.7086,
184.8608, 171.0788

 3.5474, 4.8717,
2.9540

200.4807,
226.6158, 212.0289

 1.4494, 2.1722,
1.0712

243.6880,

 0.2910, 0.7048,

274.2277, 259.0417

0.0000

292.6960,
328.0808, 312.5359

■ 0.0000, 0.0000,
0.0000

■ 42.5892, 50.4850,
42.6219

■ 42.5892, 50.4850,
42.6219

■ 37.5403, 48.0727,
33.8470

■ 48.3953, 53.2591,
52.8584

■ 33.2135, 46.0010,
26.4640

■ 54.9838, 56.4022,
64.6153

■ 29.5765, 44.2565,
20.4022

■ 62.3839, 59.9295,
77.9525

■ 26.5936, 42.8223,
15.5837

■ 70.6220, 63.8535,
92.9252

■ 24.2253, 41.6800,
11.9224

■ 78.5748, 67.7267,
103.5390

■ 22.4282, 40.8093,
9.3211

■ 79.0309, 67.9618,
103.5603

■ 21.1527, 40.1870,
7.6668

■ 20.3392, 39.7857,
6.8141

■ 20.1295, 39.6821,
6.5985

Harmonies

Analogous

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



45.5098, 50.4850, 37.5704



42.5892, 50.4850, 42.6219



41.1383, 50.4850, 51.4696

Triad

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



42.5892, 50.4850, 42.6219



46.7463, 50.4850, 78.2768



55.1767, 50.4850, 48.0677

Complementary

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



42.5892, 50.4850, 42.6219



44.9796, 41.7444, 57.9140

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.



55.5509, 50.4850, 58.6247



42.5892, 50.4850, 42.6219



50.5473, 50.4850, 77.0502

Square

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



42.5892, 50.4850, 42.6219



43.4533, 50.4850, 72.6563



53.8172, 50.4850, 69.4977



52.8202, 50.4850, 40.4148

Rectangle

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



42.5892, 50.4850, 42.6219



41.1447, 50.4850, 58.7444



53.8172, 50.4850, 69.4977



55.5432, 50.4850, 51.3600

Sweetspot

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



42.5906, 50.4872, 42.6230



89.0785, 97.1509, 98.2585



48.2591, 52.0008, 42.6164



18.8932, 20.7116, 20.7236



0.0000, 0.0000, 0.0000



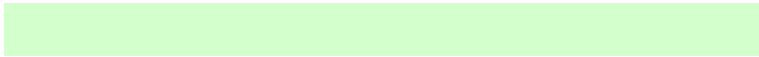
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5906, 50.4872, 42.6230



73.3438, 89.6361, 70.5626



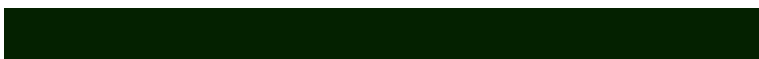
42.8615, 50.4987, 48.4257



10.0588, 11.3178, 10.7163



12.9738, 25.5171, 4.2415



0.5999, 1.1228, 0.1851

Inverse Universe

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



44.9796, 41.7444, 57.9140



78.5769, 70.4769, 104.0697



44.7219, 41.7599, 51.1993



10.3694, 10.1816, 12.7035



17.3144, 8.1863, 34.2242



0.7835, 0.3720, 1.4804

Previews

White Background



This preview shows how the XYZ color 42.5892, 50.4850, 42.6219 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 42.5892, 50.4850, 42.6219 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

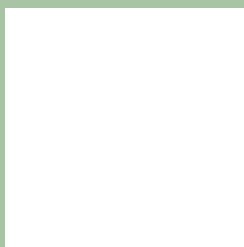
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5892, 50.4850, 42.6219

Background



This preview shows how black text looks on a background with the XYZ color 42.5892, 50.4850, 42.6219.



This preview shows how white text looks on a background with the XYZ color 42.5892, 50.4850,

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

42.5892, 50.4850, 42.6219

Protanopia

47.6171, 50.5103, 40.4975

Deuteranopia

51.2305, 50.1339, 43.5359



Tritanopia

47.1121, 50.3486, 64.9928

Trichromacy



Original Color

42.5892, 50.4850, 42.6219

Protanomaly

45.5573, 50.3996, 41.0452

Deuteranomaly

47.4678, 49.7413, 43.1756

Tritanomaly

45.1572, 50.1876, 56.0223

Monochromacy



Original Color

42.5892, 50.4850, 42.6219

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.2791, 48.6057, 48.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5892, 50.4850, 42.6219 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(168, 196, 164)` looks like.

```
.text, #text, p{  
    color:rgb(168, 196, 164)  
}
```

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(168, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 196, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.5892, 50.4850, 42.6219 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(168, 196, 164) }
```


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

```
.border{ border-color:rgb(168, 196, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 196, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 196, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 196, 164); box-shadow:4px 4px 4px 4px rgb(168, 196, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5892, 50.4850, 42.6219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 196, 164) }
```

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

```
.background{ background-color: rgb(168,  
196, 164) }
```

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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