

Converting Colors

XYZ(41.9160, 48.7096, 42.9268)

Have a look what the booklet for
XYZ(41.9160, 48.7096, 42.9268)
contains.

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Color

**XYZ(42.0034, 48.8509,
42.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C0A5
RGB	169, 192, 165
RGB Percent	66%, 75%, 65%
CMY	0.3372, 0.2470, 0.3529
CMYK	0.12, 0.00, 0.14, 0.25
HSL	111°, 18%, 70%
HSV	111°, 14%, 75%
XYZ	42.0034, 48.8509, 42.8127
YIQ	182.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

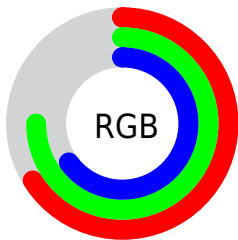
Format	Color
RYB	165, 192, 188
Decimal	11124901
CIELab	75.36, -12.94, 10.99
CIELCh	75, 16.978, 139.646
Yxy	48.8509, 0.3142, 0.3655
Android (android.graphics.Color)	4289314981 (0xFFA9C0A5)
YUV	182.0450, -8.4032, -11.4405
Hunter-Lab	69.8934, -15.0415, 12.6077

Details

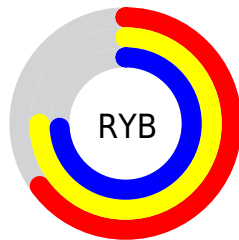
The XYZ color **42.0034, 48.8509, 42.8127** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7105, 41.4088, 55.5606**, and the grayscale version is **44.5353, 46.8546, 51.0247**.

A 20% lighter version of the original color is **77.2261, 88.1494, 80.6544**, and **19.5494, 23.4394, 19.1167** is the 20% darker color. If you saturate the color by 10%, you get **37.0934, 46.5081, 34.1350**, and if you desaturate by 10%, it is **47.6175, 51.5292, 52.8949**.

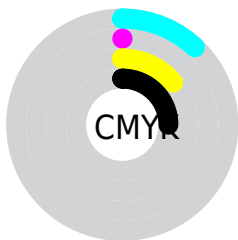
Distribution



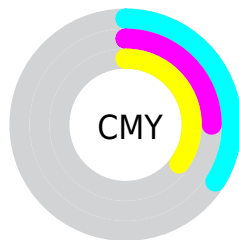
- Red (66%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0034, 48.8509, 42.8127 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 42.0034, 48.8509, 42.8127 by changing the saturation by 10% instead.


 42.0034, 48.8509,
42.8127


 42.0034, 48.8509,
42.8127


345.4884,
382.1551, 373.7395

 29.2951, 34.5012,
29.4079


 77.4699, 88.4700,
80.7115

 19.4496, 23.2789,
19.1414


 100.9588,
114.5081, 106.0425

 12.1015, 14.7996,
11.5946

128.7719,
145.2113, 136.1860

 6.8855, 8.6789,
6.3491

161.2746,
180.9638, 171.5605

 3.4363, 4.5323,
2.9863

198.8323,
222.1500, 212.5845

 1.3885, 1.9756,
1.0876

241.8102,

 0.2480, 0.5932,

269.1543, 259.6767

0.0000

290.5738,
322.3612, 313.2555

■ 0.0000, 0.0000,
0.0000

■ 42.0034, 48.8509,
42.8127

■ 42.0034, 48.8509,
42.8127

■ 37.0934, 46.5081,
34.1350

■ 47.6175, 51.5292,
52.8949

■ 32.8556, 44.4815,
26.7966

■ 53.9580, 54.5489,
64.4368

■ 29.2618, 42.7594,
20.7317

■ 61.0509, 57.9238,
77.4943

■ 26.2801, 41.3268,
15.8678

■ 68.9201, 61.6649,
92.1197

■ 23.8757, 40.1676,
12.1249

■ 76.6063, 65.3902,
103.1917

■ 22.0105, 39.2641,
9.4136

■ 78.1406, 66.1812,
103.2635

■ 20.6413, 38.5963,
7.6307

■ 19.7182, 38.1412,
6.6516

■ 19.3416, 37.9543,
6.3065

Harmonies

Analogous

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



44.4413, 48.8509, 38.5807



42.0034, 48.8509, 42.8127



40.7705, 48.8509, 50.1586

Triad

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



42.0034, 48.8509, 42.8127



45.3603, 48.8509, 71.9673



52.3201, 48.8509, 47.6146

Complementary

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



42.0034, 48.8509, 42.8127



43.7105, 41.4088, 55.5606

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.



52.5932, 48.8509, 56.3418



42.0034, 48.8509, 42.8127



48.4799, 48.8509, 71.0886

Square

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



42.0034, 48.8509, 42.8127



42.6502, 48.8509, 67.4036



51.1600, 48.8509, 65.1225



50.4295, 48.8509, 41.1303

Rectangle

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



42.0034, 48.8509, 42.8127



40.7587, 48.8509, 56.1248



51.1600, 48.8509, 65.1225



52.6072, 48.8509, 50.3600

Sweetspot

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



42.0047, 48.8530, 42.8138



86.2755, 93.3632, 95.8370



46.5044, 49.8704, 42.7730



18.3334, 19.9459, 20.2429



92.9021, 97.7402, 106.4391



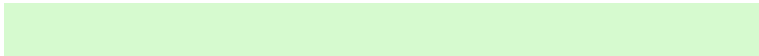
19.4759, 20.4902, 22.3138

Same Dimension

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



42.0047, 48.8530, 42.8138



73.1150, 87.0870, 72.2550



42.0522, 48.7743, 47.4741



10.0802, 11.3288, 10.7173



13.0556, 25.5593, 4.2453



0.6095, 1.1277, 0.1856

Inverse Universe

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



43.7105, 41.4088, 55.5606



76.8257, 70.8868, 99.9936



43.6956, 41.5182, 50.2672



10.3460, 10.1695, 12.7024



16.6948, 7.8669, 34.1952



0.7621, 0.3609, 1.4794

Previews

White Background



This preview shows how the XYZ color 42.0034, 48.8509, 42.8127 looks on a white background.

Color Contrast Check

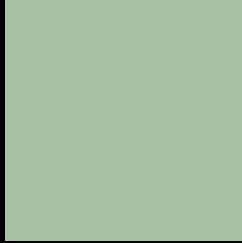
Large Text (above 18pt) WCAG AA × Fail

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 42.0034, 48.8509, 42.8127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

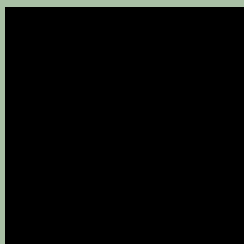
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

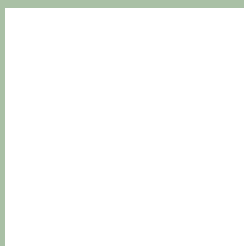
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0034, 48.8509, 42.8127

Background



This preview shows how black text looks on a background with the XYZ color 42.0034, 48.8509, 42.8127.



This preview shows how white text looks on a background with the XYZ color 42.0034, 48.8509,

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

42.0034, 48.8509, 42.8127

Protanopia

46.0301, 48.7405, 40.7000

Deuteranopia

49.7663, 48.7690, 43.8362



Tritanopia

46.1102, 48.9189, 62.8891

Trichromacy



Original Color

42.0034, 48.8509, 42.8127

Protanomaly

44.5124, 48.8894, 41.2730

Deuteranomaly

46.6212, 48.6731, 43.4969

Tritanomaly

44.6165, 48.9536, 55.2416

Monochromacy



Original Color

42.0034, 48.8509, 42.8127

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.5268, 47.5995, 47.9678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0034, 48.8509, 42.8127 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, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(169, 192, 165)  
}
```

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, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 192, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.0034, 48.8509, 42.8127 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, 192, 165) }
```


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

```
.border{ border-color:rgb(169, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(169, 192,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0034, 48.8509, 42.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 192, 165) }
```

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

```
.background{ background-color: rgb(169,  
192, 165) }
```

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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