

Converting Colors

XYZ(41.4113, 48.7662, 32.8214)

Have a look what the booklet for
XYZ(41.4113, 48.7662, 32.8214)
contains.

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Color

**XYZ(41.4113, 48.7662,
32.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC08E
RGB	175, 192, 142
RGB Percent	69%, 75%, 56%
CMY	0.3137, 0.2470, 0.4431
CMYK	0.09, 0.00, 0.26, 0.25
HSL	80°, 28%, 65%
HSV	80°, 26%, 75%
XYZ	41.4113, 48.7662, 32.8214
YIQ	181.2170, 5.9180, -19.1540

Conversions

Conversions Part 2

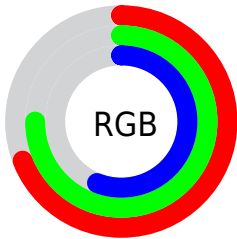
Format	Color
RYB	142, 192, 159
Decimal	11518094
CIELab	75.31, -14.51, 23.32
CIELCh	75, 27.468, 121.884
Yxy	48.7662, 0.3367, 0.3965
Android (android.graphics.Color)	4289708174 (0xFFAFC08E)
YUV	181.2170, -19.3340, -5.4523
Hunter-Lab	69.8328, -16.3558, 21.0167

Details

The XYZ color **41.4113, 48.7662, 32.8214** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4874, 30.5240, 53.9986**, and the grayscale version is **44.1386, 46.4372, 50.5701**.

A 20% lighter version of the original color is **76.4862, 88.1092, 65.2001**, and **19.1470, 23.3581, 13.3969** is the 20% darker color. If you saturate the color by 10%, you get **38.6623, 47.5030, 25.8050**, and if you desaturate by 10%, it is **44.4821, 50.1696, 41.1510**.

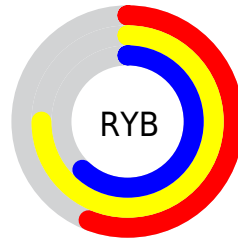
Distribution



Red (69%)

Green (75%)

Blue (56%)



Red (56%)

Yellow (75%)

Blue (62%)

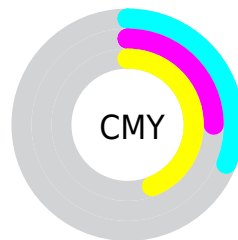


Cyan (9%)

Magenta (0%)

Yellow (26%)

Black (25%)



Cyan (31%)


Magenta (25%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4113, 48.7662, 32.8214 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 41.4113, 48.7662, 32.8214 by changing the saturation by 10% instead.


 41.4113, 48.7662,
32.8214


 41.4113, 48.7662,
32.8214


343.0700,
381.8212, 329.4515

 28.8297, 34.4341,
21.7197


 76.5786, 88.3441,
65.2094

 19.0957, 23.2272,
13.4547


 99.8951, 114.3587,
87.3327

 11.8438, 14.7614,
7.6080


127.5205,
145.0361, 113.9670

 6.7089, 8.6521,
3.7610

159.8203,
180.7609, 145.5308

 3.3254, 4.5150,
1.4952

197.1598,
221.9174, 182.4425

 1.3281, 1.9656,
0.2143

239.9043,

 0.2041, 0.5874,

268.8900, 225.1209

0.0000

288.4193,
322.0632, 273.9844

■ 0.0000, 0.0000,
0.0000

■ 41.4113, 48.7662,
32.8214

■ 41.4113, 48.7662,
32.8214

■ 38.6623, 47.5030,
25.8050

■ 44.4821, 50.1696,
41.1510

■ 36.2176, 46.3679,
20.0317

■ 47.8836, 51.7119,
50.8531

■ 34.0635, 45.3571,
15.4294

■ 51.6291, 53.4002,
61.9869

■ 32.1837, 44.4638,
11.9176

■ 55.7301, 55.2393,
74.6073

■ 30.5599, 43.6806,
9.4053

■ 60.1972, 57.2334,
88.7665

■ 29.1710, 42.9990,
7.7869

■ 64.6838, 59.2440,
102.6338

■ 27.9904, 42.4082,
6.9286

■ 66.6300, 60.2473,
102.7249

■ 27.5600, 42.1911,
6.6911

■ 68.6535, 61.2905,
102.8196

■ 70.7551, 62.3739,
102.9179

Harmonies

Analogous

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



46.0325, 48.7662, 29.8817



41.4113, 48.7662, 32.8214



38.3072, 48.7662, 41.0473

Triad

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



41.4113, 48.7662, 32.8214



41.9261, 48.7662, 81.5786



56.7429, 48.7662, 52.1896

Complementary

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



41.4113, 48.7662, 32.8214



33.4874, 30.5240, 53.9986

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.



55.4483, 48.7662, 67.3029



41.4113, 48.7662, 32.8214



46.6706, 48.7662, 86.0033

Square

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



41.4113, 48.7662, 32.8214



38.5889, 48.7662, 69.1736



51.6683, 48.7662, 80.3680



55.0895, 48.7662, 39.7286

Rectangle

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



41.4113, 48.7662, 32.8214



37.3916, 48.7662, 49.2700



51.6683, 48.7662, 80.3680



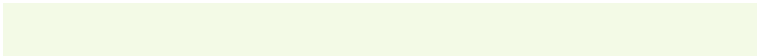
56.6377, 48.7662, 57.1195

Sweetspot

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



41.4126, 48.7683, 32.8224



85.4217, 93.0898, 88.2611



38.9634, 37.8428, 30.8427



18.1206, 19.8780, 18.3442



92.9021, 97.7402, 106.4391



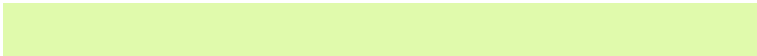
19.4759, 20.4902, 22.3138

Same Dimension

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



41.4126, 48.7683, 32.8224



72.2453, 87.0806, 52.2476



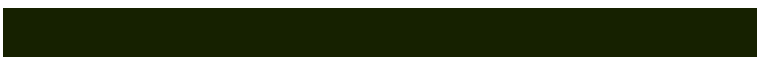
36.3728, 46.1702, 32.5866



10.5700, 11.5813, 10.7402



18.6299, 28.4329, 4.5062



0.8762, 1.2652, 0.1980

Inverse Universe

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



33.4874, 30.5240, 53.9986



55.5679, 48.6766, 96.8271



38.8766, 33.3022, 54.2508



9.8440, 9.9107, 12.6790



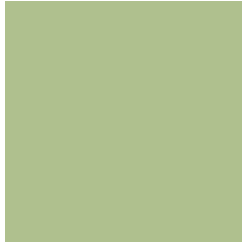
7.9576, 3.3627, 33.7863



0.4183, 0.1837, 1.4633

Previews

White Background



This preview shows how the XYZ color 41.4113, 48.7662, 32.8214 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 41.4113, 48.7662, 32.8214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

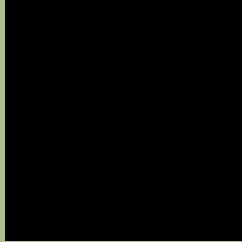
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4113, 48.7662, 32.8214

Background



This preview shows how black text looks on a background with the XYZ color 41.4113, 48.7662, 32.8214.



This preview shows how white text looks on a background with the XYZ color 41.4113, 48.7662,

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

41.4113, 48.7662, 32.8214

Protanopia

45.2979, 48.5678, 31.4132

Deuteranopia

49.6465, 48.6368, 33.5593



Tritanopia

47.1862, 48.8887, 60.9823

Trichromacy



Original Color

41.4113, 48.7662, 32.8214

Protanomaly

43.9520, 48.8070, 31.9151

Deuteranomaly

46.3246, 48.4371, 33.2933

Tritanomaly

44.8415, 48.8841, 49.1917

Monochromacy



Original Color

41.4113, 48.7662, 32.8214

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.9144, 47.0716, 43.3831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4113, 48.7662, 32.8214 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(175, 192, 142)` looks like.

```
.text, #text, p{  
    color:rgb(175, 192, 142)  
}
```

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(175, 192, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 192, 142) }
```

Border

The CSS property to change the border of an element to XYZ 41.4113, 48.7662, 32.8214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

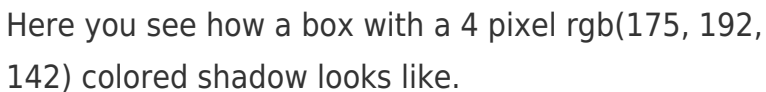
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 192, 142) }
```


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

```
.border{ border-color:rgb(175, 192, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 192, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 192, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 192, 142); box-shadow:4px 4px 4px 4px rgb(175, 192, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4113, 48.7662, 32.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 192, 142) }
```

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

```
.background{ background-color: rgb(175,  
192, 142) }
```

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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