

Converting Colors

XYZ(41.5318, 49.1580, 44.7194)

Have a look what the booklet for
XYZ(41.5318, 49.1580, 44.7194)
contains.

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Color

**XYZ(41.5575, 49.2347,
44.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C2A9
RGB	163, 194, 169
RGB Percent	64%, 76%, 66%
CMY	0.3608, 0.2392, 0.3372
CMYK	0.16, 0.00, 0.13, 0.24
HSL	132°, 20%, 70%
HSV	132°, 16%, 76%
XYZ	41.5575, 49.2347, 44.8490
YIQ	181.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

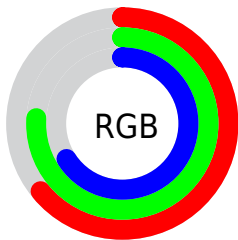
Format	Color
RYB	163, 189, 194
Decimal	10732201
CIELab	75.60, -15.32, 9.12
CIElCh	76, 17.827, 149.240
Yxy	49.2347, 0.3064, 0.3630
Android (android.graphics.Color)	4288922281 (0xFFA3C2A9)
YUV	181.8810, -6.3503, -16.5586
Hunter-Lab	70.1674, -17.0743, 11.2208

Details

The XYZ color **41.5575, 49.2347, 44.8490** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4242, 41.2958, 53.2088**, and the grayscale version is **44.4373, 46.7515, 50.9124**.

A 20% lighter version of the original color is **76.8652, 89.2816, 83.7029**, and **19.1445, 23.4200, 20.3411** is the 20% darker color. If you saturate the color by 10%, you get **36.5040, 46.7906, 37.3987**, and if you desaturate by 10%, it is **47.3989, 52.0675, 53.2558**.

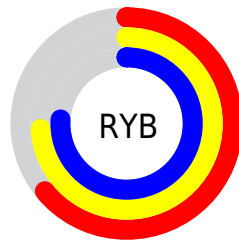
Distribution



Red (64%)

Green (76%)

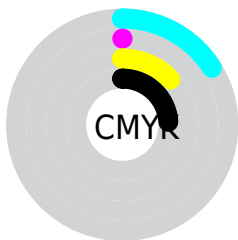
Blue (66%)



Red (64%)

Yellow (74%)

Blue (76%)

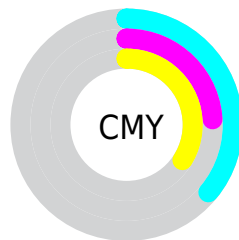


Cyan (16%)

Magenta (0%)

Yellow (13%)

Black (24%)



Cyan (36%)

Magenta (24%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5575, 49.2347, 44.8490 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 41.5575, 49.2347, 44.8490 by changing the saturation by 10% instead.


 41.5575, 49.2347,
44.8490


 41.5575, 49.2347,
44.8490


343.6682,
383.6656, 382.3039

 28.9446, 34.8057,
30.9964

 76.7989, 89.0399,
83.8098

 19.1830, 23.5132,
20.3377


 100.1580,
115.1850, 109.7551

 11.9073, 14.9729,
12.4542


127.8299,
146.0041, 140.5685

 6.7524, 8.8004,
6.9275

160.1799,
181.8818, 176.6683

 3.3527, 4.6112,
3.3391

197.5733,
223.2024, 218.4733

 1.3429, 2.0210,
1.2703

240.3757,

 0.2150, 0.6196,

270.3502, 266.4018

0.0372

288.9522,
323.7098, 320.8725

■ 0.0000, 0.0000,
0.0000

■ 41.5575, 49.2347,
44.8490

■ 41.5575, 49.2347,
44.8490

■ 36.5040, 46.7906,
37.3987

■ 47.3989, 52.0675,
53.2558

■ 32.2004, 44.7121,
30.8679

■ 54.0560, 55.2983,
62.6479

■ 28.6118, 42.9834,
25.2218

■ 61.5601, 58.9442,
73.0571

■ 25.6988, 41.5849,
20.4222

■ 69.9396, 63.0191,
84.5127

■ 23.4180, 40.4951,
16.4282

■ 77.3569, 66.5751,
96.9555

■ 21.7210, 39.6901,
13.1955

■ 78.5827, 67.0655,
103.4109

■ 20.5519, 39.1420,
10.6753

■ 19.8419, 38.8164,
8.8132

■ 19.6353, 38.7225,
8.2349

Harmonies

Analogous

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



43.7675, 49.2347, 39.2761



41.5575, 49.2347, 44.8490



40.7395, 49.2347, 53.3678

Triad

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



41.5575, 49.2347, 44.8490



46.7121, 49.2347, 73.8872



52.5482, 49.2347, 45.2203

Complementary

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



41.5575, 49.2347, 44.8490



44.4242, 41.2958, 53.2088

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.



53.4250, 49.2347, 53.8494



41.5575, 49.2347, 44.8490



49.9613, 49.2347, 71.0610

Square

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



41.5575, 49.2347, 44.8490



43.6284, 49.2347, 70.7709



52.4574, 49.2347, 63.4395



50.1136, 49.2347, 39.4721

Rectangle

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



41.5575, 49.2347, 44.8490



41.0627, 49.2347, 59.8159



52.4574, 49.2347, 63.4395



53.0398, 49.2347, 47.8456

Sweetspot

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



41.5588, 49.2368, 44.8501



86.8962, 94.8259, 97.9408



46.7218, 51.9620, 42.2181



18.8506, 20.6792, 21.1936



0.0000, 0.0000, 0.0000



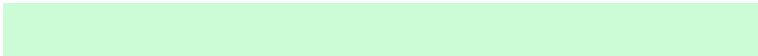
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5588, 49.2368, 44.8501



72.0946, 87.6529, 76.5816



43.0686, 49.8407, 52.8003



10.0223, 11.2900, 11.1209



12.9323, 25.4670, 5.5366



0.5832, 1.1101, 0.3678

Inverse Universe

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



44.4242, 41.2958, 53.2088



78.2192, 70.6771, 94.4459



42.8720, 40.6749, 45.0348



10.4110, 10.2130, 12.2549



18.6272, 9.1406, 21.7468



0.8268, 0.4037, 1.0552

Previews

White Background



This preview shows how the XYZ color 41.5575, 49.2347, 44.8490 looks on a white background.

Color Contrast Check

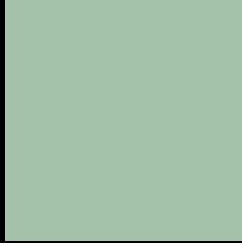
Large Text (above 18pt) WCAG AA × Fail

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 41.5575, 49.2347, 44.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

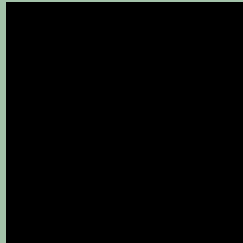
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5575, 49.2347, 44.8490

Background



This preview shows how black text looks on a background with the XYZ color 41.5575, 49.2347, 44.8490.



This preview shows how white text looks on a background with the XYZ color 41.5575, 49.2347,

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

41.5575, 49.2347, 44.8490

Protanopia

46.2979, 48.8476, 42.1103

Deuteranopia

49.8610, 48.7741, 45.8161



Tritanopia

45.4589, 49.1898, 64.2254

Trichromacy



Original Color

41.5575, 49.2347, 44.8490

Protanomaly

44.3946, 48.7869, 43.1534

Deuteranomaly

46.2294, 48.4277, 45.4390

Tritanomaly

43.9711, 49.2387, 56.4767

Monochromacy



Original Color

41.5575, 49.2347, 44.8490

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.1739, 47.4061, 48.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5575, 49.2347, 44.8490 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(163, 194, 169)` looks like.

```
.text, #text, p{  
    color:rgb(163, 194, 169)  
}
```

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(163, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.5575, 49.2347, 44.8490 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(163, 194, 169) }
```


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

```
.border{ border-color:rgb(163, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 194, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 194, 169);  
box-shadow:4px 4px 4px 4px rgb(163, 194,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5575, 49.2347, 44.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 169) }
```

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

```
.background{ background-color: rgb(163,  
194, 169) }
```

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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