

Converting Colors

XYZ(47.5752, 61.7578, 48.8913)

Have a look what the booklet for
XYZ(47.5752, 61.7578, 48.8913)
contains.

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Color

**XYZ(47.4341, 61.5745,
48.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	9FDCAD
RGB	159, 220, 173
RGB Percent	62%, 86%, 68%
CMY	0.3765, 0.1372, 0.3216
CMYK	0.28, 0.00, 0.21, 0.14
HSL	134°, 47%, 74%
HSV	134°, 28%, 86%
XYZ	47.4341, 61.5745, 48.9202
YIQ	196.4030, -21.2690, -27.5490

Conversions

Conversions Part 2

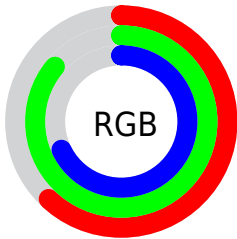
Format	Color
RYB	159, 209, 220
Decimal	10476717
CIELab	82.69, -28.77, 16.97
CIELCh	83, 33.403, 149.471
Yxy	61.5745, 0.3004, 0.3899
Android (android.graphics.Color)	4288666797 (0xFF9FDCAD)
YUV	196.4030, -11.5377, -32.8024
Hunter-Lab	78.4694, -29.4197, 17.9654

Details

The XYZ color **47.4341, 61.5745, 48.9202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.0560, 44.4695, 64.1822**, and the grayscale version is **52.7890, 55.5381, 60.4810**.

A 20% lighter version of the original color is **77.9272, 91.6242, 87.7068**, and **22.8502, 31.3549, 22.9369** is the 20% darker color. If you saturate the color by 10%, you get **41.9161, 58.9093, 40.6364**, and if you desaturate by 10%, it is **53.9400, 64.7284, 58.3392**.

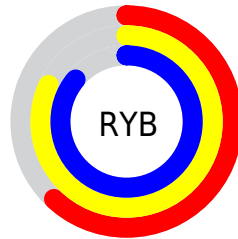
Distribution



Red (62%)

Green (86%)

Blue (68%)



Red (62%)

Yellow (82%)

Blue (86%)

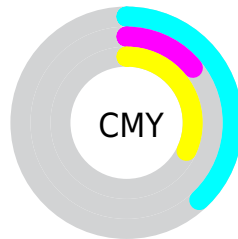


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (14%)



Cyan (38%)


Magenta (14%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4341, 61.5745, 48.9202 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 47.4341, 61.5745, 48.9202 by changing the saturation by 10% instead.


 47.4341, 61.5745,
48.9202


 47.4341, 61.5745,
48.9202


367.1647,
430.3773, 399.0415

 33.5883, 44.6890,
34.1910


 85.5760, 107.1103,
89.9527

 22.7389, 31.2125,
22.7618


 110.6029,
136.5294, 117.0931

 14.5205, 20.7607,
14.2141


140.0876,
170.8952, 149.2076

 8.5677, 12.9492,
8.1293

174.3954,
210.5919, 186.7148

 4.5151, 7.3936,
4.0888

213.8916,
256.0041, 230.0333

 1.9975, 3.7094,
1.6742

258.9416,

 0.6325, 1.5124,

307.5162, 279.5816

0.3430

309.9109,
365.5124, 335.7781

■ 0.0000, 0.2974,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.4341, 61.5745,
48.9202

■ 47.4341, 61.5745,
48.9202

■ 41.9161, 58.9093,
40.6364

■ 53.9400, 64.7284,
58.3392

■ 37.3322, 56.7007,
33.4409

■ 61.4744, 68.3860,
68.9300

■ 33.6306, 54.9248,
27.2896

■ 70.0815, 72.5708,
80.7322

■ 30.7528, 53.5524,
22.1336

■ 79.8016, 77.3029,
93.7828

■ 28.6326, 52.5504,
17.9202

■ 84.8844, 79.6688,
105.5115

■ 27.1932, 51.8805,
14.5916

■ 26.3309, 51.4907,
12.0834

■ 26.1808, 51.4234,
11.6195

Harmonies

Analogous

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



52.0004, 61.5745, 38.2086



47.4341, 61.5745, 48.9202



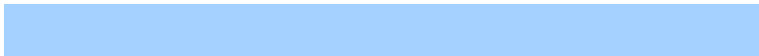
45.7924, 61.5745, 66.6800

Triad

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



47.4341, 61.5745, 48.9202



58.3974, 61.5745, 114.7857



71.3672, 61.5745, 49.4341

Complementary

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



47.4341, 61.5745, 48.9202



53.0560, 44.4695, 64.1822

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.



73.4221, 61.5745, 67.4096



47.4341, 61.5745, 48.9202



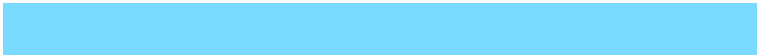
65.5731, 61.5745, 107.6304

Square

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



47.4341, 61.5745, 48.9202



51.7968, 61.5745, 107.1310



71.2219, 61.5745, 89.1686



65.8114, 61.5745, 38.4599

Rectangle

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



47.4341, 61.5745, 48.9202



46.4647, 61.5745, 81.0855



71.2219, 61.5745, 89.1686



72.5095, 61.5745, 54.7253

Sweetspot

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



47.4357, 61.5771, 48.9216



85.5107, 95.3628, 95.7799



57.5252, 66.9268, 42.6877



17.9423, 20.2365, 19.9992



0.0000, 0.0000, 0.0000



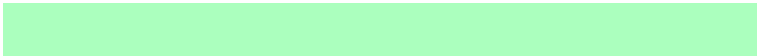
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4357, 61.5771, 48.9216



61.8340, 83.8859, 61.7412



50.6389, 62.8584, 65.7893



13.0083, 14.6550, 14.5068



15.3999, 30.1926, 7.0055



1.0308, 1.9693, 0.6284

Inverse Universe

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



53.0560, 44.4695, 64.1822



70.8695, 56.3671, 86.2634



49.7797, 43.1590, 46.9294



13.4799, 13.2210, 15.7882



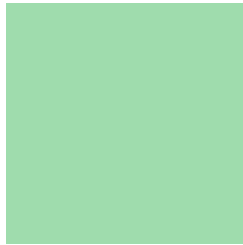
21.5976, 10.6401, 23.3250



1.4310, 0.7021, 1.6788

Previews

White Background



This preview shows how the XYZ color 47.4341, 61.5745, 48.9202 looks on a white background.

Color Contrast Check

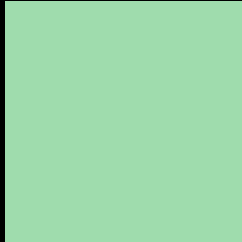
Large Text (above 18pt) WCAG AA × Fail

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 47.4341, 61.5745, 48.9202 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 47.4341, 61.5745, 48.9202

Background



This preview shows how black text looks on a background with the XYZ color 47.4341, 61.5745, 48.9202.



This preview shows how white text looks on a background with the XYZ color 47.4341, 61.5745,

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

47.4341, 61.5745, 48.9202

Protanopia

57.3295, 61.1675, 44.8613

Deuteranopia

62.2631, 60.8090, 50.5752



Tritanopia

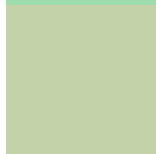
54.2639, 61.2902, 83.0989

Trichromacy



Original Color

47.4341, 61.5745, 48.9202



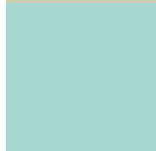
Protanomaly

52.9730, 60.6935, 46.4592



Deuteranomaly

55.3999, 60.0626, 49.7477



Tritanomaly

51.5349, 61.3113, 69.4397

Monochromacy



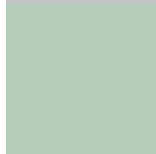
Original Color

47.4341, 61.5745, 48.9202



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

50.4369, 57.3608, 55.9904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4341, 61.5745, 48.9202 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(159, 220, 173)` looks like.

```
.text, #text, p{  
    color:rgb(159, 220, 173)  
}
```

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(159, 220, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 220, 173) }
```

Border

The CSS property to change the border of an element to XYZ 47.4341, 61.5745, 48.9202 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(159, 220, 173) }
```


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

```
.border{ border-color:rgb(159, 220, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 220, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 220, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 220, 173);  
box-shadow:4px 4px 4px 4px rgb(159, 220,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4341, 61.5745, 48.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 220, 173) }
```

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

```
.background{ background-color: rgb(159,  
220, 173) }
```

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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