

Converting Colors

XYZ(61.7959, 75.9597, 49.6731)

Have a look what the booklet for
XYZ(61.7959, 75.9597, 49.6731)
contains.

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Color

**XYZ(61.6273, 75.8882,
49.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EDAA
RGB	201, 237, 170
RGB Percent	79%, 93%, 67%
CMY	0.2118, 0.0706, 0.3333
CMYK	0.15, 0.00, 0.28, 0.07
HSL	92°, 65%, 80%
HSV	92°, 28%, 93%
XYZ	61.6273, 75.8882, 49.4300
YIQ	218.5980, 0.0510, -28.4690

Conversions

Conversions Part 2

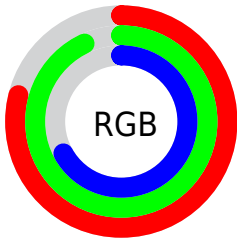
Format	Color
RYB	170, 237, 206
Decimal	13233578
CIELab	89.81, -23.31, 28.71
CIELCh	90, 36.982, 129.063
Yxy	75.8882, 0.3297, 0.4059
Android (android.graphics.Color)	4291423658 (0xFFC9EDAA)
YUV	218.5980, -23.9588, -15.4334
Hunter-Lab	87.1138, -26.1722, 27.3374

Details

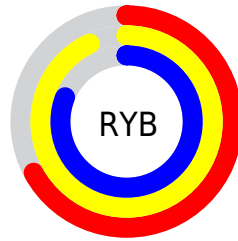
The XYZ color **61.6273, 75.8882, 49.4300** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.1176, 47.9879, 86.4825**, and the grayscale version is **67.2158, 70.7163, 77.0100**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **31.5888, 40.4431, 22.9710** is the 20% darker color. If you saturate the color by 10%, you get **56.3020, 73.3813, 38.5139**, and if you desaturate by 10%, it is **67.6447, 78.7097, 62.4914**.

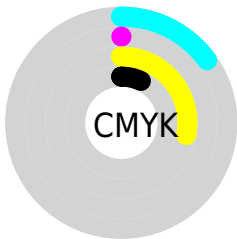
Distribution



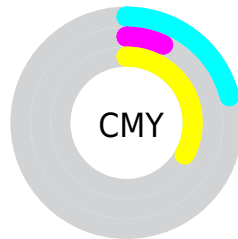
- Red (79%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (81%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)





- Cyan (21%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6273, 75.8882, 49.4300 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 61.6273, 75.8882, 49.4300 by changing the saturation by 10% instead.


 61.6273, 75.8882,
49.4300

 61.6273, 75.8882,
49.4300


420.3096,
480.9649, 401.1037

 44.9861, 56.3408,
34.5927


 106.2797,
127.5689, 90.7174

 31.6477, 40.4763,
23.0683


135.0215,
160.4709, 118.0045

 21.2468, 27.9101,
14.4381


168.5277,
198.5934, 150.2786

 13.4180, 18.2579,
8.2838

207.1634,
242.3206, 187.9584

 7.7960, 11.1353,
4.1867

251.2941,
292.0370, 231.4622

 4.0154, 6.1579,
1.7283


301.2851,

 1.7108, 2.9413,


348.1269, 281.2087


0.3800


357.5018,
410.9747, 337.6163


 0.4630, 1.1012,
0.0000


 0.0000, 0.0000,
0.0000


 61.6273, 75.8882,
49.4300


 61.6273, 75.8882,
49.4300

 56.3020, 73.3813,
38.5139


 67.6447, 78.7097,
62.4914

 51.6342, 71.1670,
29.6234

 74.3750, 81.8475,
77.7992

 47.5952, 69.2352,
22.6347

 81.8453, 85.3155,
95.4543

 44.1510, 67.5718,
17.4082

 88.4602, 88.4764,
107.0230

■ 41.2638, 66.1606,
13.7855

■ 89.5758, 89.0515,
107.0753

■ 38.8902, 64.9833,
11.5794

■ 36.9713, 64.0155,
10.5253

■ 36.6725, 63.8640,
10.3942

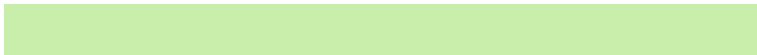
Harmonies

Analogous

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



69.4006, 75.8882, 42.2757



61.6273, 75.8882, 49.4300



56.9510, 75.8882, 65.9415

Triad

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



61.6273, 75.8882, 49.4300



66.0392, 75.8882, 139.0116



90.8818, 75.8882, 74.9635

Complementary

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



61.6273, 75.8882, 49.4300



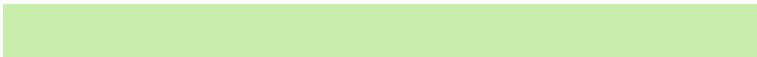
55.1176, 47.9879, 86.4825

Split Complementary

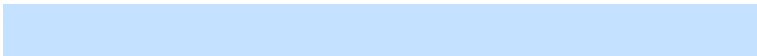
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.7902, 75.8882, 101.9189



61.6273, 75.8882, 49.4300



74.9289, 75.8882, 142.8523

Square

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



61.6273, 75.8882, 49.4300



59.3450, 75.8882, 118.5154



83.7617, 75.8882, 128.1122



86.6295, 75.8882, 54.8346

Rectangle

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



61.6273, 75.8882, 49.4300



55.9690, 75.8882, 81.8104



83.7617, 75.8882, 128.1122



91.1349, 75.8882, 83.4538

Sweetspot

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



61.6293, 75.8915, 49.4316



88.0190, 96.7349, 92.3272



64.1909, 64.9241, 47.1797



18.5703, 20.5799, 19.1379



0.0000, 0.0000, 0.0000



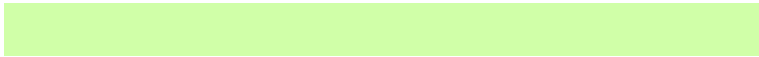
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6293, 75.8915, 49.4316



68.9840, 87.8279, 50.5091



54.3329, 72.1055, 50.2026



15.5306, 17.2036, 16.0208



20.1689, 34.9419, 5.6815



1.6937, 2.8005, 0.4513

Inverse Universe

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



55.1176, 47.9879, 86.4825



60.0998, 49.7664, 101.0460



64.2645, 52.7407, 85.2176



15.0044, 14.9475, 19.0166



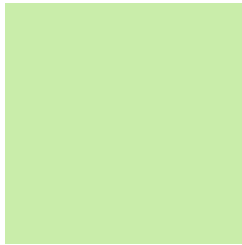
13.3062, 5.8955, 44.1796



1.1557, 0.5201, 3.4743

Previews

White Background



This preview shows how the XYZ color 61.6273, 75.8882, 49.4300 looks on a white background.

Color Contrast Check

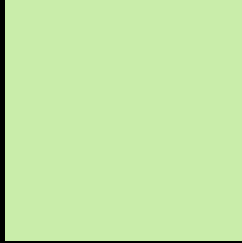
Large Text (above 18pt) WCAG AA × Fail

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 61.6273, 75.8882, 49.4300 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 61.6273, 75.8882, 49.4300

Background



This preview shows how black text looks on a background with the XYZ color 61.6273, 75.8882, 49.4300.

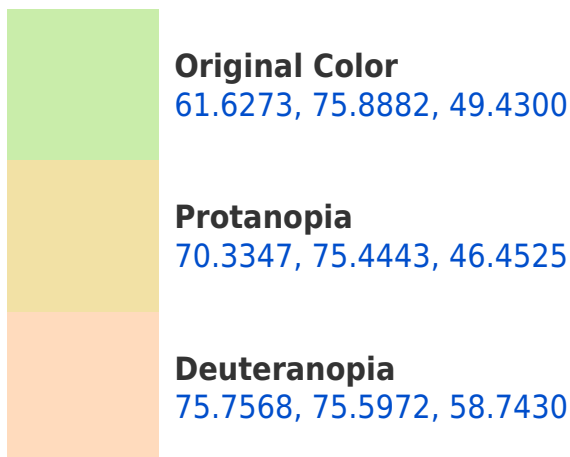


This preview shows how white text looks on a background with the XYZ color 61.6273, 75.8882,

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





Tritanopia

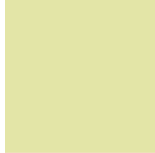
71.1019, 75.5278, 97.2171

Trichromacy



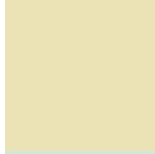
Original Color

61.6273, 75.8882, 49.4300



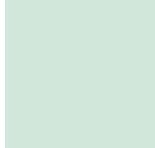
Protanomaly

66.6729, 75.1595, 47.5524



Deuteranomaly

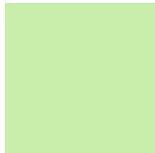
69.9008, 75.4323, 55.1317



Tritanomaly

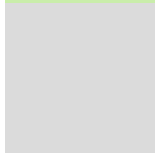
67.2432, 75.6237, 77.3824

Monochromacy



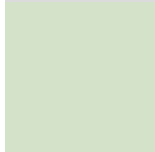
Original Color

61.6273, 75.8882, 49.4300



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.8903, 72.6068, 65.8528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6273, 75.8882, 49.4300 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(201, 237, 170)` looks like.

```
.text, #text, p{  
    color:rgb(201, 237, 170)  
}
```

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(201, 237, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 237, 170) }
```

Border

The CSS property to change the border of an element to XYZ 61.6273, 75.8882, 49.4300 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(201, 237, 170) }
```


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

```
.border{ border-color:rgb(201, 237, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 237, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 237, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 237, 170);  
box-shadow:4px 4px 4px 4px rgb(201, 237,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6273, 75.8882, 49.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 237, 170) }
```

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

```
.background{ background-color: rgb(201,  
237, 170) }
```

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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