

Converting Colors

XYZ(61.1349, 75.0216, 48.5894)

Have a look what the booklet for
XYZ(61.1349, 75.0216, 48.5894)
contains.

XYZ(61.2443, 75.2730, 48.8373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.2443, 75.2730,
48.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	C9ECA9
RGB	201, 236, 169
RGB Percent	79%, 93%, 66%
CMY	0.2118, 0.0745, 0.3372
CMYK	0.15, 0.00, 0.28, 0.07
HSL	91°, 64%, 79%
HSV	91°, 28%, 93%
XYZ	61.2443, 75.2730, 48.8373
YIQ	217.8970, 0.6470, -28.2570

Conversions

Conversions Part 2

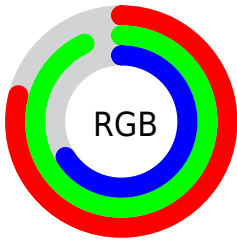
Format	Color
RYB	169, 236, 204
Decimal	13233321
CIELab	89.52, -22.97, 28.84
CIELCh	90, 36.866, 128.536
Yxy	75.2730, 0.3304, 0.4061
Android (android.graphics.Color)	4291423401 (0xFFC9ECA9)
YUV	217.8970, -24.1062, -14.8187
Hunter-Lab	86.7600, -25.8260, 27.3576

Details

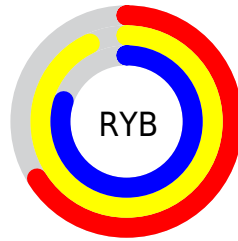
The XYZ color **61.2443, 75.2730, 48.8373** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.2332, 47.2715, 85.6269**, and the grayscale version is **66.7319, 70.2071, 76.4556**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **31.3277, 40.0145, 22.5954** is the 20% darker color. If you saturate the color by 10%, you get **56.0436, 72.8276, 38.0540**, and if you desaturate by 10%, it is **67.1149, 78.0222, 61.7425**.

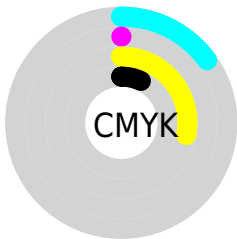
Distribution



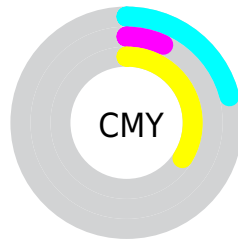
- Red (79%)
- Green (93%)
- Blue (66%)



- Red (66%)
- Yellow (93%)
- Blue (80%)



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



- Cyan (21%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2443, 75.2730, 48.8373 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 61.2443, 75.2730, 48.8373 by changing the saturation by 10% instead.

61.2443, 75.2730,
48.8373

61.2443, 75.2730,
48.8373

418.9308,
478.8554, 398.7055

44.6756, 55.8366,
34.1257

105.7287,
126.6987, 89.8282

31.4022, 40.0719,
22.7121

134.3751,
159.4568, 116.9447

21.0586, 27.5946,
14.1777

167.7782,
197.4243, 149.0332

13.2796, 18.0203,
8.1042

206.3033,
240.9854, 186.5123

7.6997, 10.9646,
4.0730

250.3158,
290.5247, 229.8006

3.9536, 6.0430,
1.6655

300.1809,

1.6759, 2.8713,

346.4266, 279.3165

0.3369

356.2642,
409.0753, 335.4786

0.4411, 1.0649,
0.0000

0.0000, 0.0000,
0.0000

61.2443, 75.2730,
48.8373

61.2443, 75.2730,
48.8373

56.0436, 72.8276,
38.0540

67.1149, 78.0222,
61.7425

51.4793, 70.6642,
29.2741

73.6755, 81.0763,
76.8698

47.5234, 68.7734,
22.3748

80.9525, 84.4490,
94.3189

44.1428, 67.1413,
17.2181

87.5859, 87.5971,
106.8994

■ 41.3009, 65.7524,
13.6466

■ 89.2870, 88.4740,
106.9790

■ 38.9553, 64.5888,
11.4750

■ 37.0477, 63.6264,
10.4376

■ 36.7696, 63.4854,
10.3160

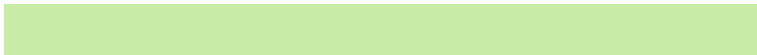
Harmonies

Analogous

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



68.9934, 75.2730, 41.9015



61.2443, 75.2730, 48.8373



56.5447, 75.2730, 65.0464

Triad

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



61.2443, 75.2730, 48.8373



65.3658, 75.2730, 137.6223



90.1651, 75.2730, 74.7843

Complementary

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



61.2443, 75.2730, 48.8373



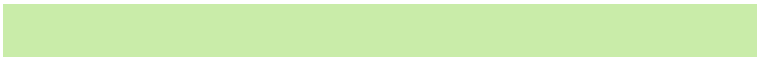
54.2332, 47.2715, 85.6269

Split Complementary

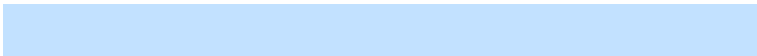
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9874, 75.2730, 101.5763



61.2443, 75.2730, 48.8373



74.1582, 75.2730, 141.7651

Square

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



61.2443, 75.2730, 48.8373



58.7809, 75.2730, 117.0839



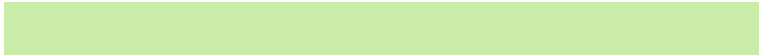
82.9398, 75.2730, 127.4368



86.0341, 75.2730, 54.6726

Rectangle

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



61.2443, 75.2730, 48.8373



55.5244, 75.2730, 80.6931



82.9398, 75.2730, 127.4368



90.3835, 75.2730, 83.2391

Sweetspot

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



61.2462, 75.2763, 48.8389



87.2983, 96.4055, 90.3882



63.2583, 63.7040, 46.4992



18.4313, 20.5166, 18.7520



0.0000, 0.0000, 0.0000



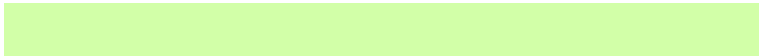
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2462, 75.2763, 48.8389



69.3503, 88.0167, 50.5263



53.6266, 71.3360, 49.0320



15.5527, 17.2150, 16.0218



20.4146, 35.0686, 5.6930



1.7135, 2.8107, 0.4522

Inverse Universe

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



54.2332, 47.2715, 85.6269



59.7215, 49.5714, 101.0283



63.7615, 52.2022, 85.2284



14.9821, 14.9361, 19.0156



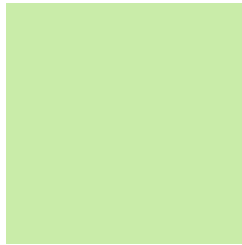
13.0221, 5.7490, 44.1663



1.1336, 0.5087, 3.4733

Previews

White Background



This preview shows how the XYZ color 61.2443, 75.2730, 48.8373 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 61.2443, 75.2730, 48.8373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

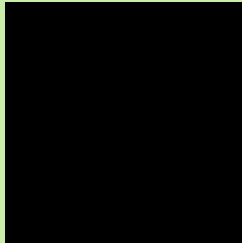
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

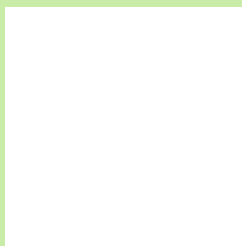
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2443, 75.2730, 48.8373

Background



This preview shows how black text looks on a background with the XYZ color 61.2443, 75.2730, 48.8373.

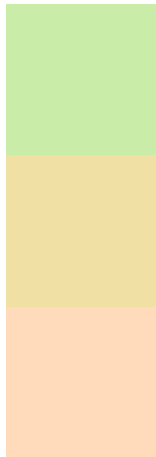


This preview shows how white text looks on a background with the XYZ color 61.2443, 75.2730,

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

61.2443, 75.2730, 48.8373

Protanopia

69.6321, 74.6924, 45.8690

Deuteranopia

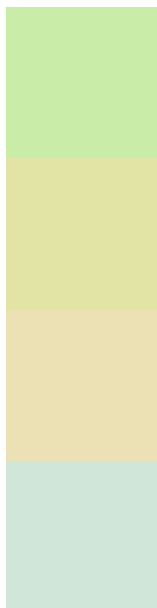
75.2810, 74.9907, 57.5206



Tritanopia

70.6769, 74.9214, 96.3242

Trichromacy



Original Color

61.2443, 75.2730, 48.8373

Protanomaly

65.9904, 74.4087, 46.9607

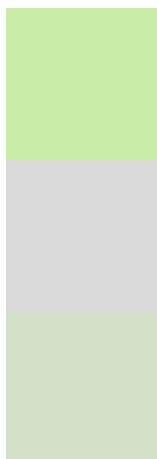
Deuteranomaly

69.4244, 74.8079, 53.9603

Tritanomaly

66.8336, 75.0133, 76.6021

Monochromacy



Original Color

61.2443, 75.2730, 48.8373

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.5019, 72.0176, 65.1448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2443, 75.2730, 48.8373 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, 236, 169)` looks like.

```
.text, #text, p{  
    color:rgb(201, 236, 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(201, 236, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 236, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.2443, 75.2730, 48.8373 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, 236, 169) }
```


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

```
.border{ border-color:rgb(201, 236, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 236, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 236, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 236, 169);  
box-shadow:4px 4px 4px 4px rgb(201, 236,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2443, 75.2730, 48.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 236, 169) }
```

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

```
.background{ background-color: rgb(201,  
236, 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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