

Converting Colors

XYZ(61.2100, 71.4720, 49.5991)

Have a look what the booklet for
XYZ(61.2100, 71.4720, 49.5991)
contains.

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Color

**XYZ(61.2100, 71.4720,
49.5991)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E3AC
RGB	209, 227, 172
RGB Percent	82%, 89%, 67%
CMY	0.1804, 0.1098, 0.3255
CMYK	0.08, 0.00, 0.24, 0.11
HSL	80°, 50%, 78%
HSV	80°, 24%, 89%
XYZ	61.2100, 71.4720, 49.5991
YIQ	215.3480, 6.9270, -20.9210

Conversions

Conversions Part 2

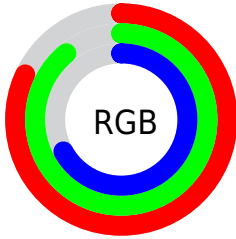
Format	Color
RYB	172, 227, 190
Decimal	13755308
CIELab	87.71, -15.26, 24.93
CIElCh	88, 29.230, 121.472
Yxy	71.4720, 0.3358, 0.3921
Android (android.graphics.Color)	4291945388 (0xFFD1E3AC)
YUV	215.3480, -21.3706, -5.5672
Hunter-Lab	84.5411, -18.7082, 24.3942

Details

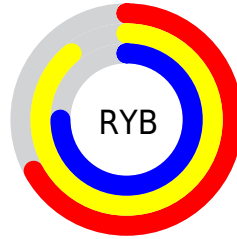
The XYZ color **61.2100, 71.4720, 49.5991** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8556, 46.0002, 78.9281**, and the grayscale version is **64.9659, 68.3491, 74.4322**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **31.4087, 37.7070, 23.0755** is the 20% darker color. If you saturate the color by 10%, you get **57.1604, 69.6173, 38.9850**, and if you desaturate by 10%, it is **65.7338, 73.5325, 62.1823**.

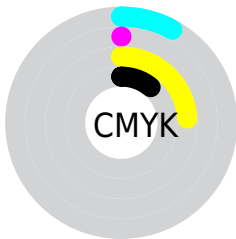
Distribution



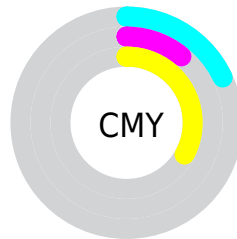
- Red (82%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2100, 71.4720, 49.5991 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 61.2100, 71.4720, 49.5991 by changing the saturation by 10% instead.

■ 61.2100, 71.4720,
49.5991

■ 61.2100, 71.4720,
49.5991

418.8072,
465.7017, 401.7862

■ 44.6478, 52.7275,
34.7260

■ 105.6793,
121.3056, 90.9708

■ 31.3802, 37.5853,
23.1700

134.3172,
153.1634, 118.3065

■ 21.0418, 25.6610,
14.5126

167.7111,
190.1611, 150.6334

■ 13.2672, 16.5702,
8.3353

206.2263,
232.6831, 188.3702

■ 7.6911, 9.9285,
4.2194

250.2281,
281.1137, 231.9353

■ 3.9480, 5.3516,
1.7464

300.0820,

■ 1.6728, 2.4550,

335.8375, 281.7473

0.3923

356.1532,
397.2387, 338.2247

■ 0.4391, 0.8540,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2100, 71.4720,
49.5991

■ 61.2100, 71.4720,
49.5991

■ 57.1604, 69.6173,
38.9850

■ 65.7338, 73.5325,
62.1823

■ 53.5593, 67.9508,
30.2355

■ 70.7452, 75.7971,
76.8225

■ 50.3865, 66.4666,
23.2439

■ 76.2637, 78.2762,
93.6081

■ 47.6180, 65.1550,
17.8904

■ 81.0239, 80.4637,
105.8684

■ 45.2268, 64.0051,
14.0404

■ 83.5807, 81.7818,
105.9880

■ 43.1819, 63.0042,
11.5381

■ 86.2418, 83.1537,
106.1126

■ 41.4457, 62.1371,
10.1933

■ 86.7605, 83.4211,
106.1368

■ 40.5506, 61.6841,
9.7690

Harmonies

Analogous

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



67.5904, 71.4720, 45.5655



61.2100, 71.4720, 49.5991



56.8844, 71.4720, 60.9805

Triad

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



61.2100, 71.4720, 49.5991



61.7646, 71.4720, 116.3954



82.1425, 71.4720, 76.8449

Complementary

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



61.2100, 71.4720, 49.5991



49.8556, 46.0002, 78.9281

Split Complementary

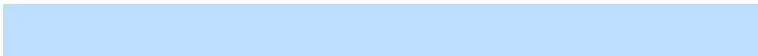
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3247, 71.4720, 97.5070



61.2100, 71.4720, 49.5991



68.2748, 71.4720, 122.5443

Square

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



61.2100, 71.4720, 49.5991



57.1889, 71.4720, 99.4932



75.1289, 71.4720, 115.1183



79.9426, 71.4720, 59.5491

Rectangle

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



61.2100, 71.4720, 49.5991



55.5879, 71.4720, 72.2974



75.1289, 71.4720, 115.1183



81.9803, 71.4720, 83.6187

Sweetspot

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



61.2119, 71.4751, 49.6006



90.1909, 97.8118, 94.3617



57.4148, 55.8864, 46.7918



19.2182, 20.8968, 19.9428



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.



61.2119, 71.4751, 49.6006



76.9940, 91.8128, 57.4066



54.2288, 67.8753, 49.2738



15.1190, 16.5684, 15.3056



23.7756, 36.0383, 5.7030



1.8536, 2.7130, 0.4260

Inverse Universe

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



49.8556, 46.0002, 78.9281



59.8317, 53.3037, 101.7429



57.2107, 49.7918, 79.2723



14.0249, 14.1151, 18.1296



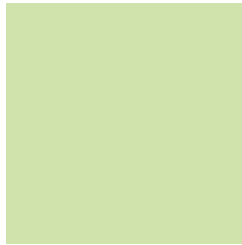
9.8562, 4.1469, 42.6641



0.8233, 0.3554, 3.1572

Previews

White Background



This preview shows how the XYZ color 61.2100, 71.4720, 49.5991 looks on a white background.

Color Contrast Check

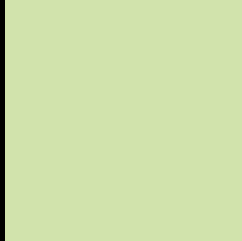
Large Text (above 18pt) WCAG AA × Fail

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 61.2100, 71.4720, 49.5991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

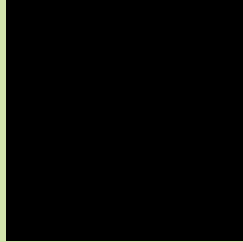
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

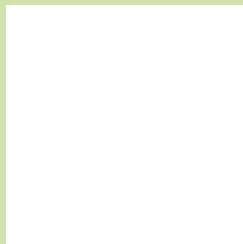
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2100, 71.4720, 49.5991

Background



This preview shows how black text looks on a background with the XYZ color 61.2100, 71.4720, 49.5991.



This preview shows how white text looks on a background with the XYZ color 61.2100, 71.4720,

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

61.2100, 71.4720, 49.5991

Protanopia

66.6604, 71.1524, 47.2662

Deuteranopia

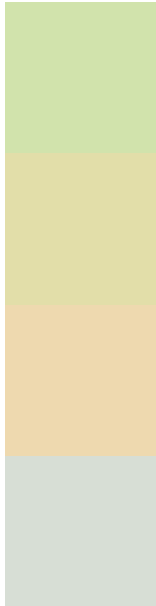
72.4701, 71.0229, 51.4842



Tritanopia

69.3853, 71.6246, 89.5248

Trichromacy



Original Color

61.2100, 71.4720, 49.5991

Protanomaly

64.6467, 71.2759, 47.8865

Deuteranomaly

67.8106, 70.8980, 50.6681

Tritanomaly

66.1558, 71.4937, 73.2637

Monochromacy



Original Color

61.2100, 71.4720, 49.5991

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.0809, 68.9327, 64.0135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2100, 71.4720, 49.5991 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(209, 227, 172)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 172)  
}
```

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(209, 227, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 172) }
```

Border

The CSS property to change the border of an element to XYZ 61.2100, 71.4720, 49.5991 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(209, 227, 172) }
```


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

```
.border{ border-color:rgb(209, 227, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 172);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2100, 71.4720, 49.5991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 172) }
```

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

```
.background{ background-color: rgb(209,  
227, 172) }
```

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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