

Converting Colors

XYZ(61.2970, 71.7849, 55.9726)

Have a look what the booklet for
XYZ(61.2970, 71.7849, 55.9726)
contains.

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Color

**XYZ(61.2970, 71.7849,
55.9726)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE4B8
RGB	204, 228, 184
RGB Percent	80%, 89%, 72%
CMY	0.2000, 0.1059, 0.2784
CMYK	0.11, 0.00, 0.19, 0.11
HSL	93°, 45%, 81%
HSV	93°, 19%, 89%
XYZ	61.2970, 71.7849, 55.9726
YIQ	215.8080, -0.1800, -18.7720

Conversions

Conversions Part 2

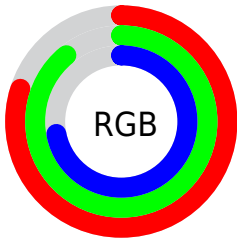
Format	Color
RYB	184, 228, 208
Decimal	13427896
CIELab	87.86, -15.71, 18.86
CIELCh	88, 24.546, 129.784
Yxy	71.7849, 0.3242, 0.3797
Android (android.graphics.Color)	4291617976 (0xFFCCE4B8)
YUV	215.8080, -15.6813, -10.3556
Hunter-Lab	84.7260, -19.1304, 20.1394

Details

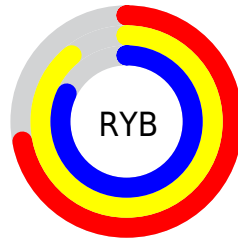
The XYZ color **61.2970, 71.7849, 55.9726** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.1594, 53.2943, 80.6769**, and the grayscale version is **65.2447, 68.6425, 74.7517**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **31.6180, 38.0099, 27.1429** is the 20% darker color. If you saturate the color by 10%, you get **55.8234, 69.2196, 44.2299**, and if you desaturate by 10%, it is **67.4320, 74.6509, 69.7600**.

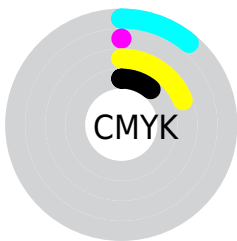
Distribution



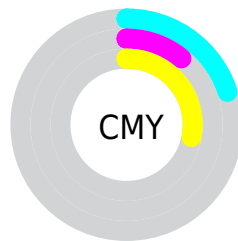
- Red (80%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)




- Cyan (20%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2970, 71.7849, 55.9726 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 61.2970, 71.7849, 55.9726 by changing the saturation by 10% instead.


 61.2970, 71.7849,
55.9726

 61.2970, 71.7849,
55.9726


419.1207,
466.7926, 426.9736

 44.7184, 52.9830,
39.7771


 105.8045,
121.7507, 100.4499

 31.4360, 37.7892,
27.0523


134.4641,
153.6833, 129.5688

 21.0845, 25.8191,
17.3797


167.8814,
190.7616, 163.8326

 13.2986, 16.6884,
10.3408

206.4217,
233.3701, 203.6598

 7.7129, 10.0126,
5.5169

250.4505,
281.8930, 249.4690

 3.9620, 5.4073,
2.4897

300.3330,

 1.6807, 2.4882,

336.7148, 301.6786

0.8347

356.4346,
398.2198, 360.7073

■ 0.4441, 0.8707,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2970, 71.7849,
55.9726

■ 61.2970, 71.7849,
55.9726

■ 55.8234, 69.2196,
44.2299

■ 67.4320, 74.6509,
69.7600

■ 50.9807, 66.9350,
34.4300

■ 74.2459, 77.8184,
85.6782

■ 46.7444, 64.9229,
26.4691

■ 81.7628, 81.2999,
103.8142

■ 43.0857, 63.1710,
20.2319

■ 86.5775, 83.7340,
106.2069

■ 39.9733, 61.6660,
15.5902

■ 87.0349, 83.9697,
106.2283

■ 37.3720, 60.3930,
12.3977

■ 35.2413, 59.3348,
10.4814

■ 33.5204, 58.4661,
9.5643

■ 33.4104, 58.4104,
9.5134

Harmonies

Analogous

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



66.3400, 71.7849, 50.5736



61.2970, 71.7849, 55.9726



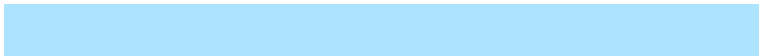
58.2305, 71.7849, 67.5726

Triad

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



61.2970, 71.7849, 55.9726



64.4243, 71.7849, 112.3686



79.8973, 71.7849, 72.8259

Complementary

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



61.2970, 71.7849, 55.9726



57.1594, 53.2943, 80.6769

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.



79.3120, 71.7849, 89.8027



61.2970, 71.7849, 55.9726



70.1544, 71.7849, 114.3063

Square

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



61.2970, 71.7849, 55.9726



59.9634, 71.7849, 100.5853



75.6657, 71.7849, 105.5539



77.2221, 71.7849, 59.3458

Rectangle

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



61.2970, 71.7849, 55.9726



57.6108, 71.7849, 78.0405



75.6657, 71.7849, 105.5539



80.0787, 71.7849, 78.2828

Sweetspot

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



61.2989, 71.7880, 55.9742



89.6794, 97.5047, 96.2983



63.0755, 64.8096, 54.5335



19.0741, 20.8138, 20.3314



0.0000, 0.0000, 0.0000



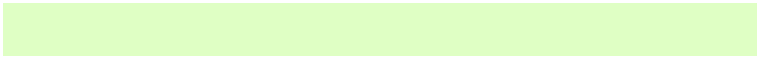
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2989, 71.7880, 55.9742



76.1969, 91.2104, 66.0230



56.3190, 69.2029, 56.5480



14.8084, 16.4083, 15.2911



19.4242, 33.7950, 5.4993



1.5413, 2.5519, 0.4113

Inverse Universe

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



57.1594, 53.2943, 80.6769



69.9732, 63.4083, 103.1588



62.9390, 56.2972, 79.8888



14.3305, 14.2726, 18.1439



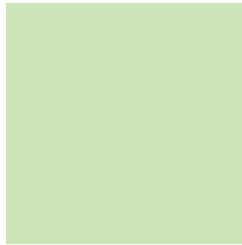
13.0559, 5.7965, 42.8139



1.0716, 0.4834, 3.1688

Previews

White Background



This preview shows how the XYZ color 61.2970, 71.7849, 55.9726 looks on a white background.

Color Contrast Check

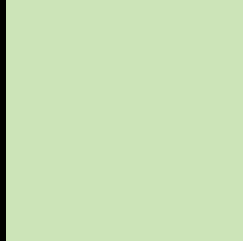
Large Text (above 18pt) WCAG AA × Fail

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 61.2970, 71.7849, 55.9726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

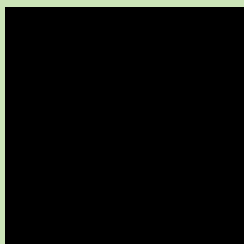
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

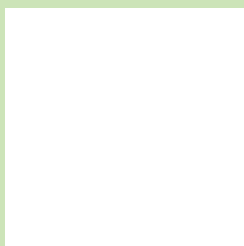
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2970, 71.7849, 55.9726

Background



This preview shows how black text looks on a background with the XYZ color 61.2970, 71.7849, 55.9726.

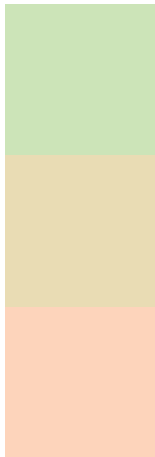


This preview shows how white text looks on a background with the XYZ color 61.2970, 71.7849,

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

61.2970, 71.7849, 55.9726

Protanopia

67.4357, 71.8053, 53.4856

Deuteranopia

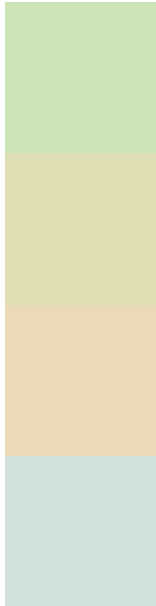
73.0211, 71.5575, 56.9771



Tritanopia

68.4404, 71.8830, 91.1565

Trichromacy



Original Color

61.2970, 71.7849, 55.9726

Protanomaly

64.8524, 71.6411, 54.1261

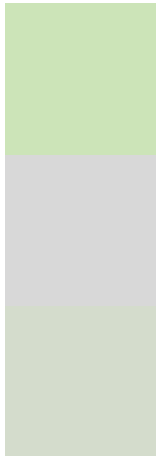
Deuteranomaly

68.1953, 71.3501, 56.6321

Tritanomaly

65.6050, 71.9286, 76.7555

Monochromacy



Original Color

61.2970, 71.7849, 55.9726

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6437, 69.5431, 67.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2970, 71.7849, 55.9726 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(204, 228, 184)` looks like.

```
.text, #text, p{  
    color:rgb(204, 228, 184)  
}
```

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(204, 228, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 228, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.2970, 71.7849, 55.9726 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(204, 228, 184) }
```


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

```
.border{ border-color:rgb(204, 228, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 228, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 228, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 228, 184); box-shadow:4px 4px 4px 4px rgb(204, 228, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2970, 71.7849, 55.9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 228, 184) }
```

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

```
.background{ background-color: rgb(204,  
228, 184) }
```

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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