

Converting Colors

XYZ(61.0451, 69.6110, 61.3731)

Have a look what the booklet for
XYZ(61.0451, 69.6110, 61.3731)
contains.

XYZ(61.0271, 69.5078, 61.2388)	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(61.0271, 69.5078,
61.2388)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDFC2
RGB	204, 223, 194
RGB Percent	80%, 87%, 76%
CMY	0.2000, 0.1255, 0.2392
CMYK	0.09, 0.00, 0.13, 0.13
HSL	99°, 31%, 82%
HSV	99°, 13%, 87%
XYZ	61.0271, 69.5078, 61.2388
YIQ	214.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

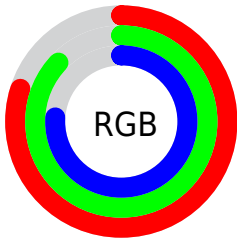
Format	Color
RYB	194, 223, 213
Decimal	13426626
CIELab	86.75, -11.56, 12.07
CIElCh	87, 16.714, 133.747
Yxy	69.5078, 0.3182, 0.3624
Android (android.graphics.Color)	4291616706 (0xFFCCDFC2)
YUV	214.0130, -9.8664, -8.7814
Hunter-Lab	83.3713, -15.2394, 14.8096

Details

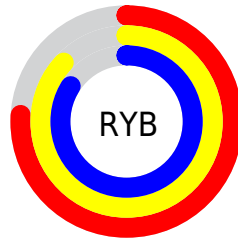
The XYZ color **61.0271, 69.5078, 61.2388** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.0545, 58.0594, 77.8571**, and the grayscale version is **63.9922, 67.3247, 73.3166**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **31.3139, 36.3827, 30.1831** is the 20% darker color. If you saturate the color by 10%, you get **54.8896, 66.6139, 48.8442**, and if you desaturate by 10%, it is **67.9200, 72.7518, 75.6336**.

Distribution



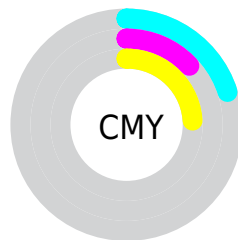
- Red (80%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0271, 69.5078, 61.2388 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 61.0271, 69.5078, 61.2388 by changing the saturation by 10% instead.

61.0271, 69.5078,
61.2388

61.0271, 69.5078,
61.2388

418.1477,
458.8199, 447.0798

44.4997, 51.1254,
43.9861

105.4161,
118.5066, 108.1855

31.2631, 36.3084,
30.3225

134.0083,
149.8917, 138.7166

20.9521, 24.6725,
19.8294

167.3529,
186.3799, 174.5110

13.2012, 15.8332,
12.0882

205.8151,
228.3555, 215.9870

7.6452, 9.4062,
6.6805

249.7603,
276.2029, 263.5634

3.9187, 5.0071,
3.1877

299.5539,

1.6562, 2.2514,

330.3065, 317.6587

1.1913

355.5613,
391.0507, 378.6913

■ 0.4286, 0.7478,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0271, 69.5078,
61.2388

■ 61.0271, 69.5078,
61.2388

■ 54.8896, 66.6139,
48.8442

■ 67.9200, 72.7518,
75.6336

■ 49.4750, 64.0490,
38.3569

■ 75.5884, 76.3483,
92.1068

■ 44.7564, 61.8036,
29.6833

■ 83.0929, 79.9250,
105.6553

■ 40.7032, 59.8640,
22.7203

■ 85.6791, 81.2582,
105.7764

■ 37.2819, 58.2155,
17.3543

■ 34.4560, 56.8420,
13.4581

■ 32.1846, 55.7256,
10.8849

■ 30.4197, 54.8456,
9.4576

■ 29.4402, 54.3511,
8.9392

Harmonies

Analogous

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



64.3036, 69.5078, 56.7240



61.0271, 69.5078, 61.2388



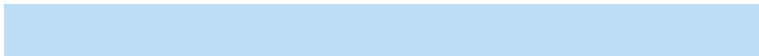
59.1417, 69.5078, 69.8439

Triad

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



61.0271, 69.5078, 61.2388



63.9938, 69.5078, 98.1651



73.5997, 69.5078, 70.7053

Complementary

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



61.0271, 69.5078, 61.2388



60.0545, 58.0594, 77.8571

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.



73.5088, 69.5078, 81.8370



61.0271, 69.5078, 61.2388



67.8584, 69.5078, 98.4538

Square

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



61.0271, 69.5078, 61.2388



60.8080, 69.5078, 91.4810



71.3730, 69.5078, 92.2348



71.6168, 69.5078, 61.8159

Rectangle

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



61.0271, 69.5078, 61.2388



58.8792, 69.5078, 77.0906



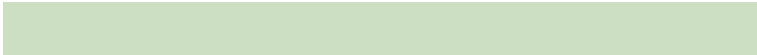
71.3730, 69.5078, 92.2348



73.8130, 69.5078, 74.2910

Sweetspot

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



61.0290, 69.5108, 61.2403



91.0346, 98.1147, 100.3662



63.9284, 67.0990, 60.6220



19.3276, 20.9266, 21.1499



0.0000, 0.0000, 0.0000



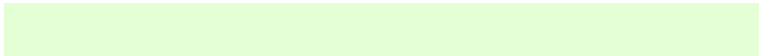
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0290, 69.5108, 61.2403



80.0026, 92.9228, 77.4716



58.8714, 68.3412, 63.7277



13.9721, 15.5658, 14.5749



17.4191, 32.0124, 5.2609



1.3014, 2.2674, 0.3691

Inverse Universe

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



60.0545, 58.0594, 77.8571



78.4003, 74.1036, 104.7790



62.4660, 59.3695, 74.9469



13.8123, 13.6868, 17.3015



14.9399, 6.7971, 41.5729



1.1307, 0.5202, 2.8861

Previews

White Background



This preview shows how the XYZ color 61.0271, 69.5078, 61.2388 looks on a white background.

Color Contrast Check

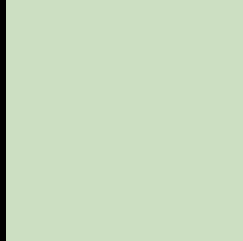
Large Text (above 18pt) WCAG AA × Fail

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 61.0271, 69.5078, 61.2388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

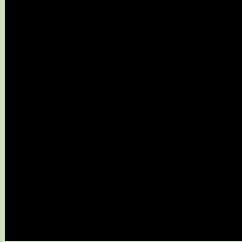
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

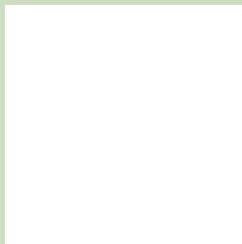
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0271, 69.5078, 61.2388

Background



This preview shows how black text looks on a background with the XYZ color 61.0271, 69.5078, 61.2388.



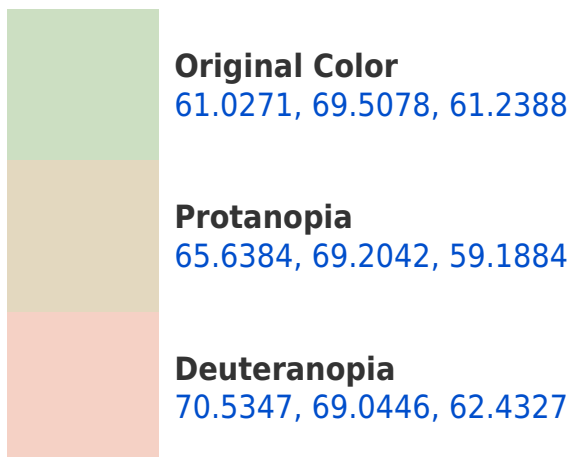
This preview shows how white text looks on a background with the XYZ color 61.0271, 69.5078,

61.2388.

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

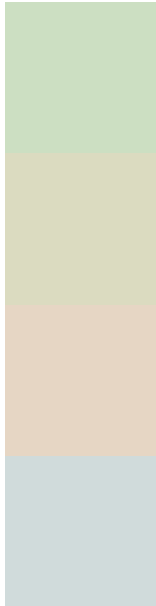




Tritanopia

66.2425, 69.2679, 87.7206

Trichromacy



Original Color

61.0271, 69.5078, 61.2388

Protanomaly

64.0594, 69.5289, 59.9133

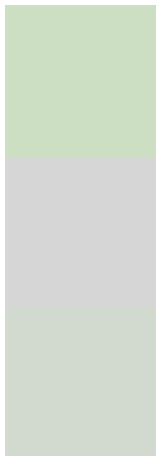
Deuteranomaly

66.6435, 68.9017, 62.0114

Tritanomaly

64.1301, 69.1874, 76.9923

Monochromacy



Original Color

61.0271, 69.5078, 61.2388

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.6537, 67.8323, 68.8222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0271, 69.5078, 61.2388 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, 223, 194) looks like.

```
.text, #text, p{  
    color:rgb(204, 223, 194)  
}
```

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, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 223, 194) }
```

Border

The CSS property to change the border of an element to XYZ 61.0271, 69.5078, 61.2388 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, 223, 194) }
```


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

```
.border{ border-color:rgb(204, 223, 194) }
```

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

Here you see how a box with a 4 pixel rgb(204, 223, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 223,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0271, 69.5078, 61.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 223, 194) }
```

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

```
.background{ background-color: rgb(204,  
223, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor