

Converting Colors

XYZ(61.5735, 70.7751, 64.4849)

Have a look what the booklet for
XYZ(61.5735, 70.7751, 64.4849)
contains.

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Color

**XYZ(61.5926, 70.9337,
64.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E2C7
RGB	201, 226, 199
RGB Percent	79%, 89%, 78%
CMY	0.2118, 0.1137, 0.2196
CMYK	0.11, 0.00, 0.12, 0.11
HSL	116°, 32%, 83%
HSV	116°, 12%, 89%
XYZ	61.5926, 70.9337, 64.4781
YIQ	215.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

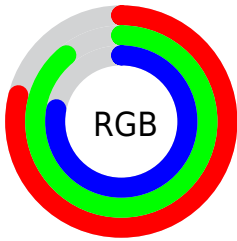
Format	Color
RYB	199, 226, 224
Decimal	13230791
CIELab	87.45, -13.24, 10.42
CIELCh	87, 16.844, 141.800
Yxy	70.9337, 0.3126, 0.3601
Android (android.graphics.Color)	4291420871 (0xFFC9E2C7)
YUV	215.4470, -8.1084, -12.6700
Hunter-Lab	84.2221, -16.8497, 13.5648

Details

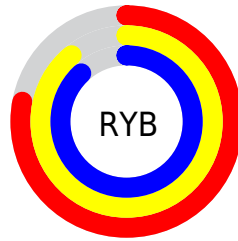
The XYZ color **61.5926, 70.9337, 64.4781** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.8940, 62.1870, 80.5381**, and the grayscale version is **64.9523, 68.3348, 74.4166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7064, 37.3732, 32.3307** is the 20% darker color. If you saturate the color by 10%, you get **53.9138, 67.2582, 51.4233**, and if you desaturate by 10%, it is **70.4315, 75.1663, 79.6244**.

Distribution



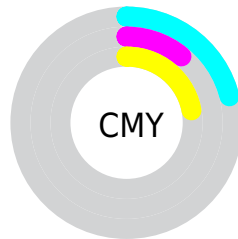
- Red (79%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5926, 70.9337, 64.4781 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 61.5926, 70.9337, 64.4781 by changing the saturation by 10% instead.

61.5926, 70.9337,
64.4781

61.5926, 70.9337,
64.4781

420.1847,
463.8216, 459.1689

44.9579, 52.2881,
46.5894

106.2298,
120.5393, 112.9053

31.6254, 37.2348,
32.3591

134.9630,
152.2681, 144.2808

21.2297, 25.3893,
21.3689

168.4598,
189.1268, 180.9890

13.4054, 16.3673,
13.2000

207.0855,
231.4997, 223.4484

7.7872, 9.7845,
7.4341

251.2055,
279.7712, 272.0775

4.0098, 5.2563,
3.6525

301.1851,

1.7077, 2.3984,

334.3258, 327.2950

1.4367

357.3898,
395.5478, 389.5192

■ 0.4611, 0.8251,
0.1701

■ 0.0000, 0.0000,
0.0000

■ 61.5926, 70.9337,
64.4781

■ 61.5926, 70.9337,
64.4781

■ 53.9138, 67.2582,
51.4233

■ 70.4315, 75.1663,
79.6244

■ 47.3414, 64.1080,
40.3638

■ 80.4697, 79.9683,
96.9436

■ 41.8260, 61.4617,
31.2028

■ 86.4877, 82.8754,
106.0459

■ 37.3123, 59.2933,
23.8335

■ 33.7401, 57.5741,
18.1386

■ 31.0424, 56.2725,
13.9868

■ 29.1435, 55.3527,
11.2275

■ 27.9547, 54.7729,
9.6796

■ 27.4242, 54.5122,
9.0765

Harmonies

Analogous

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



64.6226, 70.9337, 58.6476



61.5926, 70.9337, 64.4781



60.1374, 70.9337, 74.1558

Triad

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



61.5926, 70.9337, 64.4781



66.3365, 70.9337, 100.9798



74.7660, 70.9337, 69.3903

Complementary

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



61.5926, 70.9337, 64.4781



64.8940, 62.1870, 80.5381

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.



75.2688, 70.9337, 80.3977



61.5926, 70.9337, 64.4781



70.2978, 70.9337, 99.3847

Square

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



61.5926, 70.9337, 64.4781



62.8051, 70.9337, 95.7381



73.6046, 70.9337, 91.5719



72.2564, 70.9337, 61.2837

Rectangle

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



61.5926, 70.9337, 64.4781



60.2146, 70.9337, 81.7965



73.6046, 70.9337, 91.5719



75.1792, 70.9337, 72.8458

Sweetspot

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



61.5945, 70.9367, 64.4797



90.0612, 97.6129, 100.3206



68.2643, 73.4727, 64.6176



19.0821, 20.8000, 21.1384



0.0000, 0.0000, 0.0000



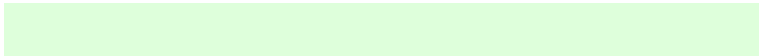
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5945, 70.9367, 64.4797



78.6928, 92.1711, 80.8683



62.4158, 71.2035, 71.5922



13.6223, 15.3855, 14.5585



15.6820, 31.1169, 5.1796



1.1204, 2.1741, 0.3606

Inverse Universe

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



64.8940, 62.1870, 80.5381



83.7338, 78.8017, 105.4047



64.0235, 61.9108, 72.6997



14.1896, 13.8813, 17.3192



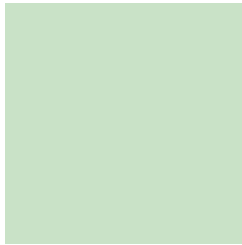
22.9191, 10.9106, 41.9463



1.6189, 0.7719, 2.9089

Previews

White Background



This preview shows how the XYZ color 61.5926, 70.9337, 64.4781 looks on a white background.

Color Contrast Check

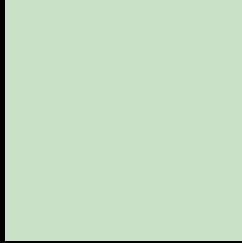
Large Text (above 18pt) WCAG AA × Fail

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 61.5926, 70.9337, 64.4781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

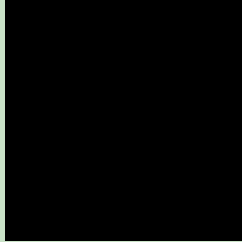
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

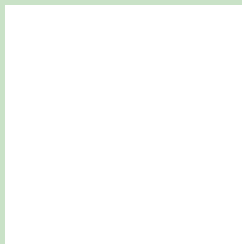
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5926, 70.9337, 64.4781

Background



This preview shows how black text looks on a background with the XYZ color 61.5926, 70.9337, 64.4781.

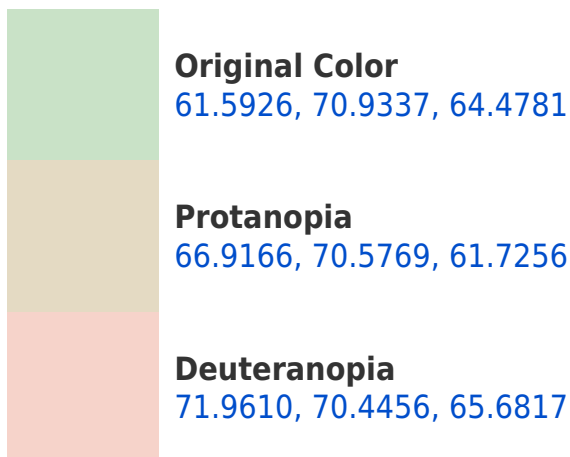


This preview shows how white text looks on a background with the XYZ color 61.5926, 70.9337,

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

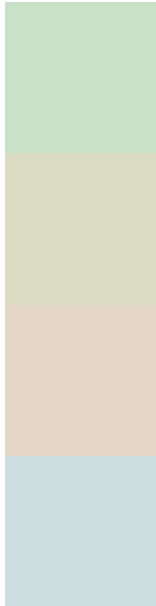




Tritanopia

66.7579, 70.6248, 91.0024

Trichromacy



Original Color

61.5926, 70.9337, 64.4781

Protanomaly

64.7337, 70.6039, 62.4406

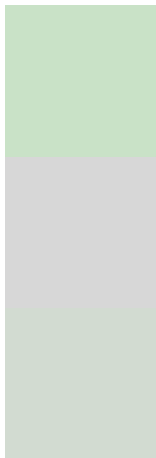
Deuteranomaly

67.7316, 70.1518, 65.2291

Tritanomaly

64.7527, 70.6035, 80.7360

Monochromacy



Original Color

61.5926, 70.9337, 64.4781

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.4185, 68.9681, 70.2913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5926, 70.9337, 64.4781 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, 226, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 226, 199)  
}
```

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, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 226, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.5926, 70.9337, 64.4781 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, 226, 199) }
```


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

```
.border{ border-color:rgb(201, 226, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 226, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 226, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 226, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 226,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5926, 70.9337, 64.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 226, 199) }
```

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

```
.background{ background-color: rgb(201,  
226, 199) }
```

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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