

Converting Colors

XYZ(61.1779, 70.5337, 66.7142)

Have a look what the booklet for
XYZ(61.1779, 70.5337, 66.7142)
contains.

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Color

**XYZ(61.2646, 70.7103,
66.9194)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E2CB
RGB	198, 226, 203
RGB Percent	78%, 89%, 80%
CMY	0.2235, 0.1137, 0.2039
CMYK	0.12, 0.00, 0.10, 0.11
HSL	131°, 33%, 83%
HSV	131°, 12%, 89%
XYZ	61.2646, 70.7103, 66.9194
YIQ	215.0060, -9.3050, -13.0890

Conversions

Conversions Part 2

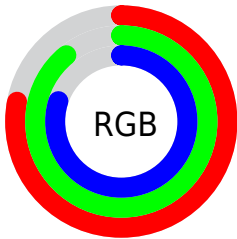
Format	Color
RYB	198, 222, 226
Decimal	13034187
CIELab	87.34, -13.54, 8.14
CIELCh	87, 15.795, 148.996
Yxy	70.7103, 0.3080, 0.3555
Android (android.graphics.Color)	4291224267 (0xFFC6E2CB)
YUV	215.0060, -5.9190, -14.9143
Hunter-Lab	84.0894, -17.1076, 11.6789

Details

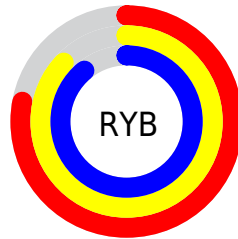
The XYZ color **61.2646, 70.7103, 66.9194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.6118, 61.7792, 76.9292**, and the grayscale version is **64.6404, 68.0067, 74.0593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4893, 37.2250, 33.9593** is the 20% darker color. If you saturate the color by 10%, you get **53.6647, 67.0349, 55.6984**, and if you desaturate by 10%, it is **70.0223, 74.9559, 79.5806**.

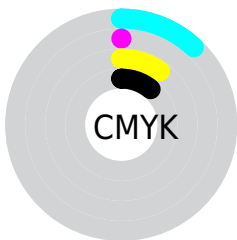
Distribution



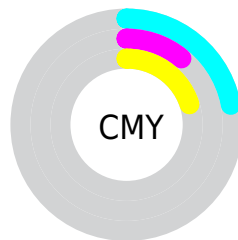
- Red (78%)
- Green (89%)
- Blue (80%)



- Red (78%)
- Yellow (87%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2646, 70.7103, 66.9194 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 61.2646, 70.7103, 66.9194 by changing the saturation by 10% instead.

61.2646, 70.7103,
66.9194

61.2646, 70.7103,
66.9194

419.0039,
463.0401, 468.1515

44.6921, 52.1058,
48.5579

105.7579,
120.2211, 116.4445

31.4152, 37.0894,
33.9058

134.4094,
151.8963, 148.4452

21.0686, 25.2767,
22.5445

167.8180,
188.6971, 185.8293

13.2869, 16.2834,
14.0554

206.3489,
231.0080, 229.0155

7.7048, 9.7249,
8.0200

250.3677,
279.2133, 278.4223

3.9568, 5.2169,
4.0198

300.2395,

1.6777, 2.3751,

333.6975, 334.4682

1.6362

356.3298,
394.8450, 397.5718

■ 0.4423, 0.8130,
0.3165

■ 0.0000, 0.0000,
0.0000

■ 61.2646, 70.7103,
66.9194

■ 61.2646, 70.7103,
66.9194

■ 53.6647, 67.0349,
55.6984

■ 70.0223, 74.9559,
79.5806

■ 47.1681, 63.8968,
45.8620

■ 79.9776, 79.7853,
93.7257

■ 41.7249, 61.2733,
37.3579

■ 86.4877, 82.8754,
106.0459

■ 37.2788, 59.1366,
30.1286

■ 33.7680, 57.4563,
24.1127

■ 31.1242, 56.1984,
19.2433

■ 29.2691, 55.3242,
15.4474

■ 28.1097, 54.7873,
12.6431

■ 27.5868, 54.5511,
11.1147

Harmonies

Analogous

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



63.8017, 70.7103, 60.4360



61.2646, 70.7103, 66.9194



60.3104, 70.7103, 76.6334

Triad

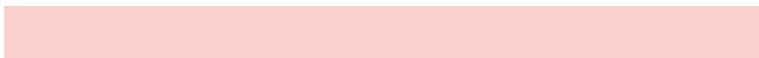
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.2646, 70.7103, 66.9194



67.0829, 70.7103, 99.3309



73.6569, 70.7103, 67.4867

Complementary

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



61.2646, 70.7103, 66.9194



64.6118, 61.7792, 76.9292

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.



74.6125, 70.7103, 77.3507



61.2646, 70.7103, 66.9194



70.7335, 70.7103, 96.3240

Square

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



61.2646, 70.7103, 66.9194



63.5924, 70.7103, 95.9081



73.5239, 70.7103, 88.0267



70.9582, 70.7103, 60.7417

Rectangle

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



61.2646, 70.7103, 66.9194



60.6723, 70.7103, 83.8503



73.5239, 70.7103, 88.0267



74.1970, 70.7103, 70.5173

Sweetspot

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



61.2665, 70.7133, 66.9210



90.0765, 97.5886, 101.7785



67.3127, 73.8980, 64.1430



19.0860, 20.7939, 21.5057



0.0000, 0.0000, 0.0000



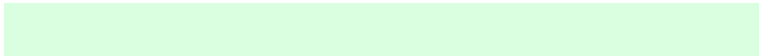
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2665, 70.7133, 66.9210



77.6986, 91.5925, 83.8065



62.9684, 71.3941, 75.8828



13.6282, 15.3770, 15.0774



15.7684, 31.1322, 6.5033



1.1228, 2.1699, 0.6081

Inverse Universe

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



64.6118, 61.7792, 76.9292



82.9582, 77.5448, 99.5408



62.8637, 61.0799, 67.7235



14.1845, 13.8914, 16.7417



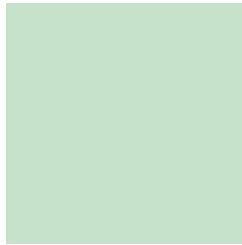
22.9681, 11.2542, 27.5615



1.6198, 0.7912, 2.0569

Previews

White Background



This preview shows how the XYZ color 61.2646, 70.7103, 66.9194 looks on a white background.

Color Contrast Check

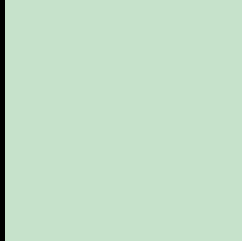
Large Text (above 18pt) WCAG AA × Fail

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 61.2646, 70.7103, 66.9194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

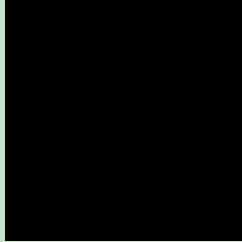
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

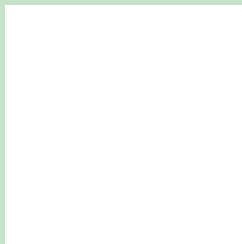
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2646, 70.7103, 66.9194

Background



This preview shows how black text looks on a background with the XYZ color 61.2646, 70.7103, 66.9194.



This preview shows how white text looks on a background with the XYZ color 61.2646, 70.7103,

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

61.2646, 70.7103, 66.9194

Protanopia

67.0588, 70.5972, 64.1251

Deuteranopia

71.7431, 70.2779, 68.1762



Tritanopia

66.1909, 70.7233, 91.0513

Trichromacy



Original Color

61.2646, 70.7103, 66.9194

Protanomaly

64.6007, 70.4820, 64.8431

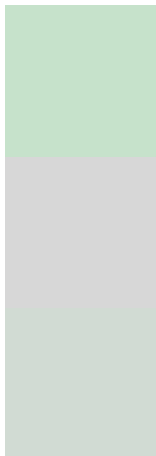
Deuteranomaly

67.2539, 69.8504, 67.6954

Tritanomaly

64.3354, 70.7682, 81.5029

Monochromacy



Original Color

61.2646, 70.7103, 66.9194

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.3839, 68.9215, 71.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2646, 70.7103, 66.9194 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(198, 226, 203)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 203)  
}
```

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(198, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 203) }
```

Border

The CSS property to change the border of an element to XYZ 61.2646, 70.7103, 66.9194 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(198, 226, 203) }
```


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

```
.border{ border-color:rgb(198, 226, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2646, 70.7103, 66.9194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 203) }
```

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

```
.background{ background-color: rgb(198,  
226, 203) }
```

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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