

Converting Colors

XYZ(60.7765, 70.4475, 69.6964)

Have a look what the booklet for
XYZ(60.7765, 70.4475, 69.6964)
contains.

XYZ(60.7070, 70.3670, 69.4141)	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(60.7070, 70.3670,
69.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E2CF
RGB	194, 226, 207
RGB Percent	76%, 89%, 81%
CMY	0.2392, 0.1137, 0.1882
CMYK	0.14, 0.00, 0.08, 0.11
HSL	144°, 36%, 82%
HSV	144°, 14%, 89%
XYZ	60.7070, 70.3670, 69.4141
YIQ	214.2660, -12.9730, -12.6930

Conversions

Conversions Part 2

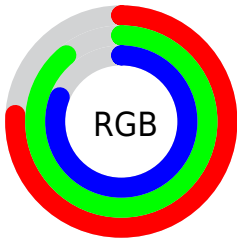
Format	Color
RYB	194, 217, 226
Decimal	12772047
CIELab	87.18, -14.13, 5.76
CIELCh	87, 15.259, 157.824
Yxy	70.3670, 0.3028, 0.3510
Android (android.graphics.Color)	4290962127 (0xFFC2E2CF)
YUV	214.2660, -3.5821, -17.7733
Hunter-Lab	83.8850, -17.6197, 9.6576

Details

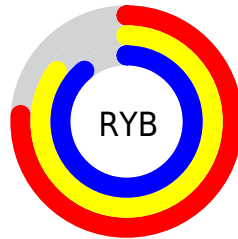
The XYZ color **60.7070, 70.3670, 69.4141** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.6686, 59.5583, 71.1469**, and the grayscale version is **64.1269, 67.4665, 73.4710**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.1279, 37.0012, 35.6383** is the 20% darker color. If you saturate the color by 10%, you get **53.7705, 66.9747, 60.8864**, and if you desaturate by 10%, it is **68.6691, 74.2758, 78.7208**.

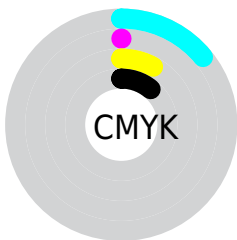
Distribution



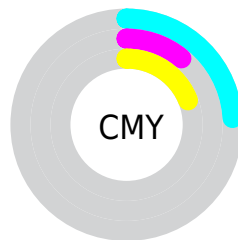
- Red (76%)
- Green (89%)
- Blue (81%)



- Red (76%)
- Yellow (85%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7070, 70.3670, 69.4141 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 60.7070, 70.3670, 69.4141 by changing the saturation by 10% instead.

60.7070, 70.3670,
69.4141

60.7070, 70.3670,
69.4141

416.9920,
461.8376, 477.2236

44.2404, 51.8258,
50.5752

104.9551,
119.7320, 120.0461

31.0583, 36.8662,
35.4963

133.4673,
151.3245, 152.6763

20.7953, 25.1039,
23.7588

166.7254,
188.0363, 190.7406

13.0860, 16.1545,
14.9442

205.0948,
230.2517, 234.6576

7.5652, 9.6336,
8.6341

248.9408,
278.3552, 284.8459

3.8675, 5.1567,
4.4097


298.6287,

1.6274, 2.3395,


332.7310, 341.7239


1.8527


354.5240,
393.7637, 405.7103


 0.4102, 0.7945,
0.4624


 0.0000, 0.0000,
0.0000


 60.7070, 70.3670,
69.4141


 60.7070, 70.3670,
69.4141


 53.7705, 66.9747,
60.8864


 68.6691, 74.2758,
78.7208

 47.8105, 64.0681,
53.1130

 77.6913, 78.7128,
88.8210

 42.7826, 61.6267,
46.0745

 85.2666, 82.3869,
99.6157

 38.6366, 59.6250,
39.7490

 86.4877, 82.8753,
106.0459

■ 35.3173, 58.0352,
34.1136

■ 32.7630, 56.8257,
29.1438

■ 30.9023, 55.9604,
24.8139

■ 29.6495, 55.3956,
21.0957

■ 29.1209, 55.1646,
19.1937

Harmonies

Analogous

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



62.7482, 70.3670, 62.0752



60.7070, 70.3670, 69.4141



60.2906, 70.3670, 79.3332

Triad

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



60.7070, 70.3670, 69.4141



67.8233, 70.3670, 97.8574



72.4684, 70.3670, 65.1517

Complementary

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



60.7070, 70.3670, 69.4141



62.6686, 59.5583, 71.1469

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.



73.9365, 70.3670, 73.9649



60.7070, 70.3670, 69.4141



71.1929, 70.3670, 93.2706

Square

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



60.7070, 70.3670, 69.4141



64.3167, 70.3670, 96.3643



73.4616, 70.3670, 84.3032



69.5140, 70.3670, 59.7717

Rectangle

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



60.7070, 70.3670, 69.4141



60.9762, 70.3670, 86.1939



73.4616, 70.3670, 84.3032



73.1568, 70.3670, 67.7785

Sweetspot

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



60.7090, 70.3700, 69.4157



90.4365, 97.7325, 103.6740



64.4351, 72.4670, 61.6315



19.1769, 20.8302, 21.9842



0.0000, 0.0000, 0.0000



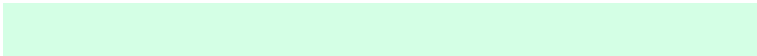
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7090, 70.3700, 69.4157



76.9897, 91.1367, 87.8520



62.7392, 71.1821, 80.1067



13.7584, 15.4291, 15.7629



16.6681, 31.4921, 11.2412



1.1989, 2.2003, 1.0085

Inverse Universe

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



62.6686, 59.5583, 71.1469



80.0393, 74.3095, 90.5451



60.7589, 58.7944, 61.0909



14.0471, 13.8365, 16.0181



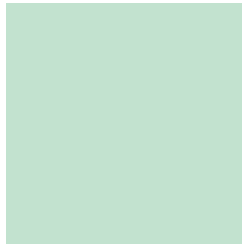
20.4162, 10.2335, 14.1234



1.4592, 0.7269, 1.2109

Previews

White Background



This preview shows how the XYZ color 60.7070, 70.3670, 69.4141 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 60.7070, 70.3670, 69.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

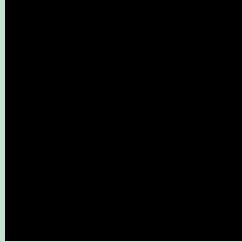
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

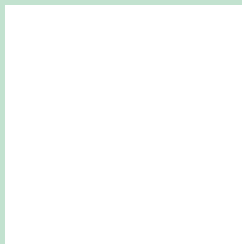
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7070, 70.3670, 69.4141

Background



This preview shows how black text looks on a background with the XYZ color 60.7070, 70.3670, 69.4141.



This preview shows how white text looks on a background with the XYZ color 60.7070, 70.3670,

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
60.7070, 70.3670, 69.4141
Protanopia
66.8376, 70.0587, 65.8771
Deuteranopia
71.5451, 70.1189, 70.7362



Tritanopia

65.2559, 70.2243, 91.7766

Trichromacy



Original Color

60.7070, 70.3670, 69.4141

Protanomaly

64.2238, 69.8422, 67.2227

Deuteranomaly

67.1158, 69.7227, 70.2421

Tritanomaly

63.5415, 70.3272, 82.8986

Monochromacy



Original Color

60.7070, 70.3670, 69.4141

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.5614, 68.1114, 71.4775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7070, 70.3670, 69.4141 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(194, 226, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 207)  
}
```

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(194, 226, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.7070, 70.3670, 69.4141 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(194, 226, 207) }
```


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

```
.border{ border-color:rgb(194, 226, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7070, 70.3670, 69.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 207) }
```

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

```
.background{ background-color: rgb(194,  
226, 207) }
```

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