

Converting Colors

XYZ(63.6677, 74.8425, 71.0756)

Have a look what the booklet for
XYZ(63.6677, 74.8425, 71.0756)
contains.

XYZ(63.5500, 74.7022, 70.7440)	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(63.5500, 74.7022,
70.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E9D0
RGB	197, 233, 208
RGB Percent	77%, 91%, 82%
CMY	0.2274, 0.0863, 0.1843
CMYK	0.15, 0.00, 0.11, 0.09
HSL	138°, 45%, 84%
HSV	138°, 15%, 91%
XYZ	63.5500, 74.7022, 70.7440
YIQ	219.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

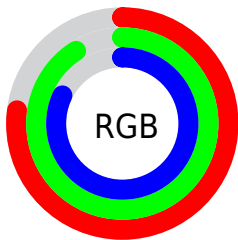
Format	Color
RYB	197, 225, 233
Decimal	12970448
CIELab	89.25, -16.46, 8.25
CIELCh	89, 18.413, 153.389
Yxy	74.7022, 0.3041, 0.3574
Android (android.graphics.Color)	4291160528 (0xFFC5E9D0)
YUV	219.3860, -5.6133, -19.6325
Hunter-Lab	86.4304, -20.0070, 11.9720

Details

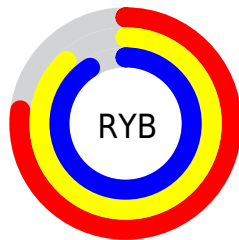
The XYZ color **63.5500, 74.7022, 70.7440** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.7580, 62.5318, 77.6619**, and the grayscale version is **67.6461, 71.1690, 77.5030**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.8826, 39.6170, 36.4856** is the 20% darker color. If you saturate the color by 10%, you get **56.0239, 71.0429, 60.5247**, and if you desaturate by 10%, it is **72.2264, 78.9353, 82.0806**.

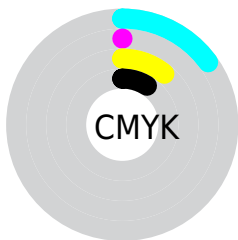
Distribution



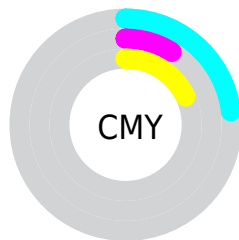
- Red (77%)
- Green (91%)
- Blue (82%)



- Red (77%)
- Yellow (88%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5500, 74.7022, 70.7440 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 63.5500, 74.7022, 70.7440 by changing the saturation by 10% instead.

63.5500, 74.7022,
70.7440

63.5500, 74.7022,
70.7440

427.1908,
476.8934, 482.0175

46.5466, 55.3690,
51.6528

109.0400,
125.8907, 121.9602

32.8838, 39.6972,
36.3480

138.2573,
158.5148, 154.9222

22.1963, 27.3025,
24.4113

172.2766,
196.3379, 193.3449

14.1186, 17.8006,
15.4240

211.4633,
239.7445, 237.6469

8.2855, 10.8069,
8.9676

256.1827,
289.1190, 288.2465

4.3315, 5.9371,
4.6235

306.8002,

1.8913, 2.8069,

344.8457, 345.5625

1.9733

363.6811,
407.3090, 410.0133

■ 0.5718, 1.0318,
0.5388

■ 0.0000, 0.0000,
0.0000

■ 63.5500, 74.7022,
70.7440

■ 63.5500, 74.7022,
70.7440

■ 56.0239, 71.0429,
60.5247

■ 72.2264, 78.9353,
82.0806

■ 49.5926, 67.9231,
51.3839

■ 82.0932, 83.7557,
94.5620

■ 44.2054, 65.3195,
43.2875

■ 88.4303, 86.7607,
106.6934

■ 39.8049, 63.2033,
36.1979

■ 36.3278, 61.5427,
30.0753

■ 33.7035, 60.3022,
24.8770

■ 31.8501, 59.4404,
20.5571

■ 30.6681, 58.9071,
17.0654

■ 30.2838, 58.7381,
15.7348

Harmonies

Analogous

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



66.3501, 74.7022, 62.3673



63.5500, 74.7022, 70.7440



62.7171, 74.7022, 82.8102

Triad

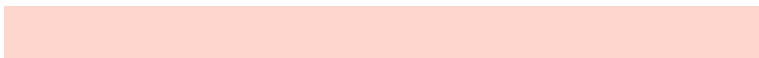
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5500, 74.7022, 70.7440



71.5144, 74.7022, 108.6415



78.4679, 74.7022, 68.4594

Complementary

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



63.5500, 74.7022, 70.7440



66.7580, 62.5318, 77.6619

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.



79.9865, 74.7022, 79.8833



63.5500, 74.7022, 70.7440



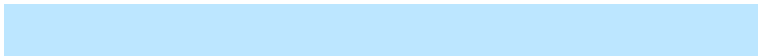
75.8668, 74.7022, 103.8114

Square

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



63.5500, 74.7022, 70.7440



67.1997, 74.7022, 105.5429



79.0153, 74.7022, 92.9401



74.9455, 74.7022, 61.1493

Rectangle

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



63.5500, 74.7022, 70.7440



63.3594, 74.7022, 91.5676



79.0153, 74.7022, 92.9401



79.2362, 74.7022, 71.9001

Sweetspot

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



63.5521, 74.7054, 70.7457



89.1207, 97.1043, 101.3518



69.4053, 77.8738, 64.1973



18.9035, 20.7004, 21.4725



0.0000, 0.0000, 0.0000



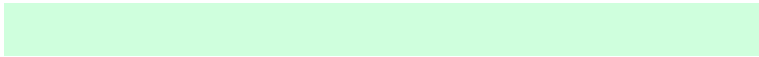
20.3446, 21.4041, 23.3091

Same Dimension

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



63.5521, 74.7054, 70.7457



74.4648, 89.9600, 82.0928



65.8673, 75.6315, 82.9376



15.0578, 16.9379, 16.9872



17.2313, 33.3470, 9.1828



1.3946, 2.6351, 0.9396

Inverse Universe

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



66.7580, 62.5318, 77.6619



79.2014, 71.9709, 92.3089



64.4959, 61.6270, 65.7499



15.5074, 15.2308, 17.9575



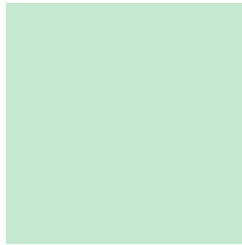
22.8165, 11.3293, 20.6327



1.8342, 0.9066, 1.8442

Previews

White Background



This preview shows how the XYZ color 63.5500, 74.7022, 70.7440 looks on a white background.

Color Contrast Check

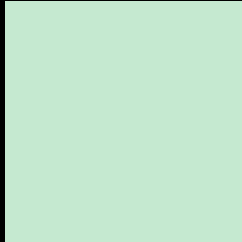
Large Text (above 18pt) WCAG AA × Fail

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 63.5500, 74.7022, 70.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

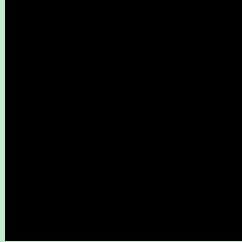
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

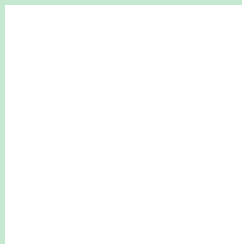
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5500, 74.7022, 70.7440

Background



This preview shows how black text looks on a background with the XYZ color 63.5500, 74.7022, 70.7440.



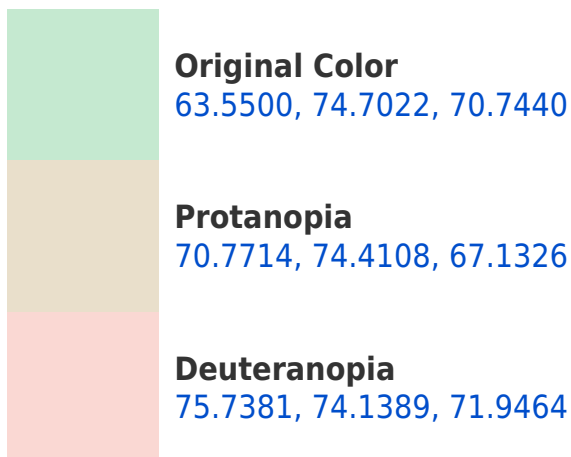
This preview shows how white text looks on a background with the XYZ color 63.5500, 74.7022,

70.7440.

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

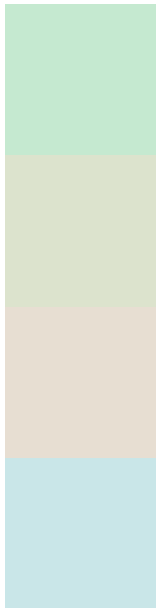




Tritanopia

69.0066, 74.8371, 97.9968

Trichromacy



Original Color

63.5500, 74.7022, 70.7440

Protanomaly

68.0037, 74.5616, 68.5653

Deuteranomaly

70.7091, 73.8846, 71.5072

Tritanomaly

66.9497, 74.8373, 87.2604

Monochromacy



Original Color

63.5500, 74.7022, 70.7440

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.7854, 72.0665, 74.7329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5500, 74.7022, 70.7440 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(197, 233, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 233, 208)  
}
```

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(197, 233, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 233, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.5500, 74.7022, 70.7440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

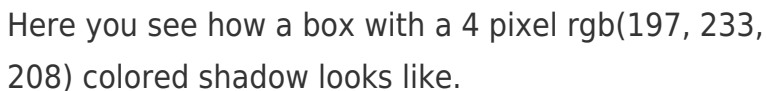
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 233, 208) }
```


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

```
.border{ border-color:rgb(197, 233, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 233, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 233, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 233, 208); box-shadow:4px 4px 4px 4px rgb(197, 233, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5500, 74.7022, 70.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 233, 208) }
```

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

```
.background{ background-color: rgb(197,  
233, 208) }
```

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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