

Converting Colors

XYZ(61.6710, 71.0185, 73.8727)

Have a look what the booklet for
XYZ(61.6710, 71.0185, 73.8727)
contains.

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Color

**XYZ(61.8548, 71.2625,
74.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E3D6
RGB	194, 227, 214
RGB Percent	76%, 89%, 84%
CMY	0.2392, 0.1098, 0.1608
CMYK	0.15, 0.00, 0.06, 0.11
HSL	156°, 37%, 83%
HSV	156°, 15%, 89%
XYZ	61.8548, 71.2625, 74.1133
YIQ	215.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

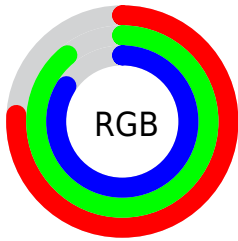
Format	Color
RYB	194, 215, 227
Decimal	12772310
CIELab	87.61, -13.31, 2.71
CIELCh	88, 13.585, 168.488
Yxy	71.2625, 0.2985, 0.3439
Android (android.graphics.Color)	4290962390 (0xFFC2E3D6)
YUV	215.6510, -0.8139, -18.9879
Hunter-Lab	84.4171, -16.9380, 7.0388

Details

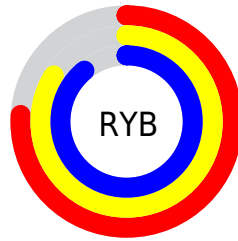
The XYZ color **61.8548, 71.2625, 74.1133** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.2353, 59.4213, 67.2239**, and the grayscale version is **65.0473, 68.4349, 74.5256**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.8257, 37.5837, 38.3779** is the 20% darker color. If you saturate the color by 10%, you get **55.3571, 68.0432, 68.0102**, and if you desaturate by 10%, it is **69.3092, 74.9717, 80.5916**.

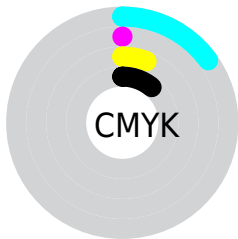
Distribution



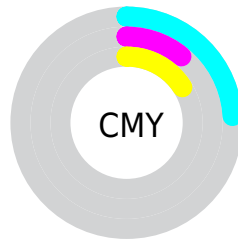
- Red (76%)
- Green (89%)
- Blue (84%)



- Red (76%)
- Yellow (84%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8548, 71.2625, 74.1133 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 61.8548, 71.2625, 74.1133 by changing the saturation by 10% instead.

61.8548, 71.2625,
74.1133

61.8548, 71.2625,
74.1133

421.1273,
464.9705, 494.0382

45.1705, 52.5564,
54.3894

106.6068,
121.0074, 126.7919

31.7936, 37.4488,
38.5178

135.4052,
152.8151, 160.5838

21.3587, 25.5552,
26.0799

168.9724,
189.7587, 199.9020

13.5004, 16.4912,
16.6571

207.6737,
232.2227, 245.1652

7.8534, 9.8724,
9.8309

251.8745,
280.5915, 296.7919

4.0523, 5.3144,
5.1829

301.9401,

1.7318, 2.4329,

335.2495, 355.2006

2.2943

358.2359,
396.5810, 420.8098

■ 0.4760, 0.8427,
0.7281

■ 0.0000, 0.0000,
0.0000

■ 61.8548, 71.2625,
74.1133

■ 61.8548, 71.2625,
74.1133

■ 55.3571, 68.0432,
68.0102

■ 69.3092, 74.9717,
80.5916

■ 49.7689, 65.2836,
62.2704

■ 77.7529, 79.1816,
87.4473

■ 45.0477, 62.9640,
56.8881

■ 84.5627, 82.5417,
94.5639

■ 41.1455, 61.0596,
51.8556

■ 85.9308, 83.0890,
101.7683

■ 38.0089, 59.5433,
47.1648

■ 86.7604, 83.4208,
106.1368

■ 35.5784, 58.3842,
42.8071

■ 33.7849, 57.5470,
38.7733

■ 32.5440, 56.9884,
35.0534

■ 32.0264, 56.7632,
33.1486

Harmonies

Analogous

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



63.2089, 71.2625, 66.4415



61.8548, 71.2625, 74.1133



62.0382, 71.2625, 83.3429

Triad

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



61.8548, 71.2625, 74.1133



69.7120, 71.2625, 95.6214



71.9127, 71.2625, 65.0774

Complementary

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



61.8548, 71.2625, 74.1133



62.2353, 59.4213, 67.2239

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.



73.7657, 71.2625, 72.1134



61.8548, 71.2625, 74.1133



72.4677, 71.2625, 89.9267

Square

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



61.8548, 71.2625, 74.1133



66.5068, 71.2625, 96.2637



73.9720, 71.2625, 81.1794



68.9739, 71.2625, 61.5070

Rectangle

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



61.8548, 71.2625, 74.1133



63.0090, 71.2625, 89.1396



73.9720, 71.2625, 81.1794



72.6872, 71.2625, 67.0888

Sweetspot

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



61.8568, 71.2655, 74.1149



90.7561, 97.8604, 105.3569



62.9971, 72.1306, 61.6423



19.2577, 20.8626, 22.4100



0.0000, 0.0000, 0.0000



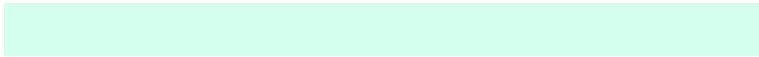
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8568, 71.2655, 74.1149



78.2315, 91.6334, 94.3913



62.6907, 70.1685, 82.9162



14.5543, 16.2352, 17.1839



18.7360, 33.1265, 19.6418



1.4299, 2.4661, 1.6905

Inverse Universe

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



62.2353, 59.4213, 67.2239



78.8012, 73.8142, 84.0254



61.4528, 60.2966, 59.4395



14.6110, 14.4616, 16.1518



19.5909, 9.9706, 6.7408



1.4923, 0.7546, 0.7332

Previews

White Background



This preview shows how the XYZ color 61.8548, 71.2625, 74.1133 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 61.8548, 71.2625, 74.1133 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

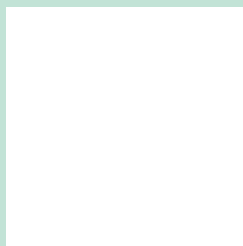
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8548, 71.2625, 74.1133

Background



This preview shows how black text looks on a background with the XYZ color 61.8548, 71.2625, 74.1133.

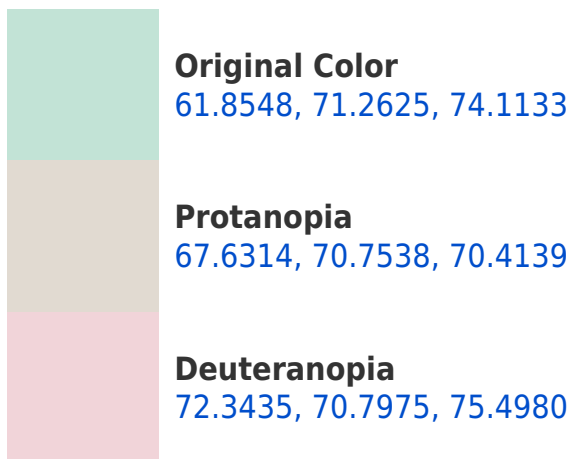


This preview shows how white text looks on a background with the XYZ color 61.8548, 71.2625,

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

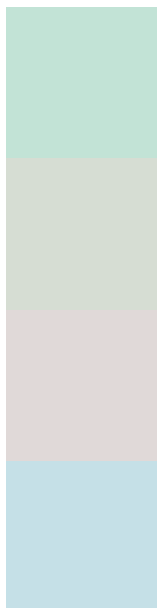




Tritanopia

65.8180, 71.2683, 93.5063

Trichromacy



Original Color

61.8548, 71.2625, 74.1133

Protanomaly

65.3459, 70.7122, 71.8327

Deuteranomaly

67.9480, 70.4309, 74.9790

Tritanomaly

64.1054, 70.9511, 85.9175

Monochromacy



Original Color

61.8548, 71.2625, 74.1133

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8714, 69.5026, 74.3389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8548, 71.2625, 74.1133 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, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 214)  
}
```

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, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 61.8548, 71.2625, 74.1133 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, 227, 214) }
```


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

```
.border{ border-color:rgb(194, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8548, 71.2625, 74.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 214) }
```

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

```
.background{ background-color: rgb(194,  
227, 214) }
```

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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