

Converting Colors

XYZ(65.7422, 74.8182, 70.3354)

Have a look what the booklet for
XYZ(65.7422, 74.8182, 70.3354)
contains.

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Color

**XYZ(65.9735, 75.1158,
70.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E7D0
RGB	208, 231, 208
RGB Percent	82%, 91%, 82%
CMY	0.1843, 0.0941, 0.1843
CMYK	0.10, 0.00, 0.10, 0.09
HSL	120°, 32%, 86%
HSV	120°, 10%, 91%
XYZ	65.9735, 75.1158, 70.6961
YIQ	221.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

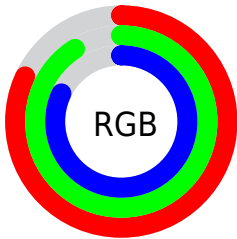
Format	Color
R_{YB}	208, 231, 231
Decimal	13690832
CIE _{Lab}	89.45, -11.81, 8.62
CIE _{LCh}	89, 14.622, 143.870
Yxy	75.1158, 0.3115, 0.3547
Android (android.graphics.Color)	4291880912 (0xFFD0E7D0)
YUV	221.5010, -6.6560, -11.8404
Hunter-Lab	86.6694, -15.7956, 12.3058

Details

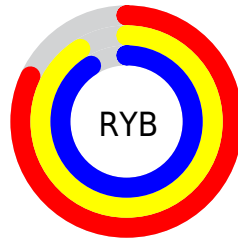
The XYZ color **65.9735, 75.1158, 70.6961** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9374, 67.8720, 85.0194**, and the grayscale version is **69.1297, 72.7298, 79.2028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4891, 39.8631, 36.4484** is the 20% darker color. If you saturate the color by 10%, you get **57.3076, 70.9553, 56.5198**, and if you desaturate by 10%, it is **76.0035, 79.9359, 87.1001**.

Distribution



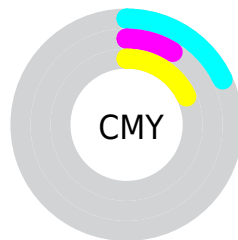
- Red (82%)
- Green (91%)
- Blue (82%)



- Red (82%)
- Yellow (91%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9735, 75.1158, 70.6961 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 65.9735, 75.1158, 70.6961 by changing the saturation by 10% instead.

65.9735, 75.1158,
70.6961

65.9735, 75.1158,
70.6961

435.7722,
478.3155, 481.8454

48.5185, 55.7078,
51.6139

112.5062,
126.4763, 121.8913

34.4506, 39.9687,
36.3173

142.3147,
159.1975, 154.8414

23.4045, 27.5141,
24.3877

176.9717,
197.1252, 193.2513

15.0148, 17.9597,
15.4066

216.8426,
240.6439, 237.5394

8.9162, 10.9211,
8.9555

262.2927,
290.1378, 288.1243

4.7432, 6.0138,
4.6157

313.6875,

2.1306, 2.8535,

345.9915, 345.4246

1.9689

371.3922,
408.5892, 409.8588

■ 0.7058, 1.0557,
0.5360

■ 0.0000, 0.0000,
0.0000

■ 65.9735, 75.1158,
70.6961

■ 65.9735, 75.1158,
70.6961

■ 57.3076, 70.9553,
56.5198

■ 76.0035, 79.9359,
87.1001

■ 49.9411, 67.4168,
44.4705

■ 87.4463, 85.4325,
105.8169

■ 43.8132, 64.4733,
34.4472

■ 87.8674, 85.6348,
106.5058

■ 38.8559, 62.0921,
26.3386

■ 34.9947, 60.2373,
20.0229

■ 32.1466, 58.8693,
15.3643

■ 30.2166, 57.9422,
12.2073

■ 29.0919, 57.4019,
10.3676

■ 28.5791, 57.1556,
9.5287

Harmonies

Analogous

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



68.6432, 75.1158, 65.0374



65.9735, 75.1158, 70.6961



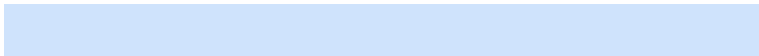
64.7612, 75.1158, 79.6991

Triad

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



65.9735, 75.1158, 70.6961



70.6620, 75.1158, 103.0196



77.8835, 75.1158, 74.0601

Complementary

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



65.9735, 75.1158, 70.6961



69.9374, 67.8720, 85.0194

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.



78.4677, 75.1158, 83.9138



65.9735, 75.1158, 70.6961



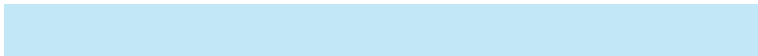
74.2200, 75.1158, 101.1936

Square

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



65.9735, 75.1158, 70.6961



67.4092, 75.1158, 98.7843



77.1063, 75.1158, 93.9841



75.5356, 75.1158, 66.8630

Rectangle

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



65.9735, 75.1158, 70.6961



64.9126, 75.1158, 86.6105



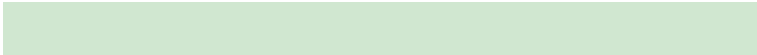
77.1063, 75.1158, 93.9841



78.2958, 75.1158, 77.1486

Sweetspot

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



65.9756, 75.1190, 70.6977



91.0839, 98.0949, 102.4128



72.9194, 78.6987, 71.0225



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



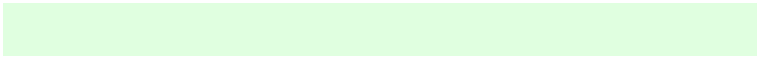
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9756, 75.1190, 70.6977



80.1335, 92.8349, 84.5015



67.4428, 75.7059, 78.4238



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



69.9374, 67.8720, 85.0194



86.0532, 82.0065, 105.9007



68.3655, 67.2432, 76.7418



14.9952, 14.6153, 18.1750



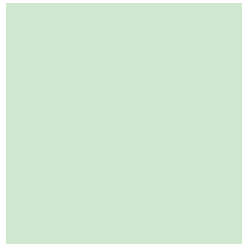
26.5610, 12.7586, 43.4445



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 65.9735, 75.1158, 70.6961 looks on a white background.

Color Contrast Check

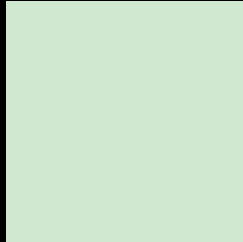
Large Text (above 18pt) WCAG AA × Fail

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 65.9735, 75.1158, 70.6961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

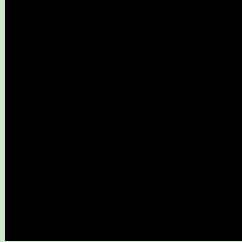
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

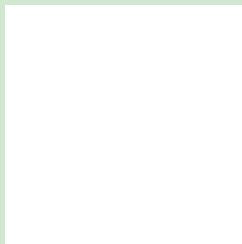
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9735, 75.1158, 70.6961

Background



This preview shows how black text looks on a background with the XYZ color 65.9735, 75.1158, 70.6961.

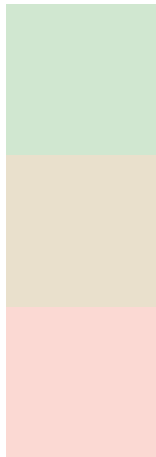


This preview shows how white text looks on a background with the XYZ color 65.9735, 75.1158,

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

65.9735, 75.1158, 70.6961

Protanopia

71.1590, 74.9946, 67.8517

Deuteranopia

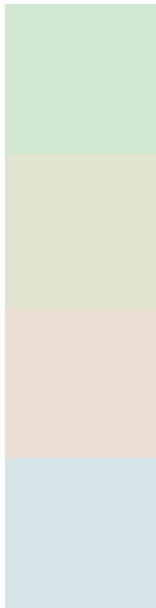
76.3544, 74.8381, 72.0489



Tritanopia

71.2570, 75.2205, 96.3513

Trichromacy



Original Color

65.9735, 75.1158, 70.6961

Protanomaly

69.2290, 75.1932, 68.6226

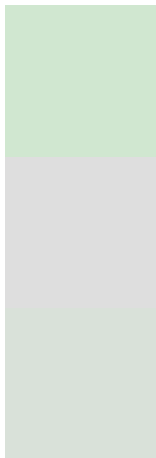
Deuteranomaly

72.0151, 74.5579, 71.5683

Tritanomaly

69.3186, 75.2534, 86.4732

Monochromacy



Original Color

65.9735, 75.1158, 70.6961

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.0649, 73.6119, 76.2668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9735, 75.1158, 70.6961 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(208, 231, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 231, 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(208, 231, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 231, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.9735, 75.1158, 70.6961 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(208, 231, 208) }
```


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

```
.border{ border-color:rgb(208, 231, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 231, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 231, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 231, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 231,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9735, 75.1158, 70.6961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 231, 208) }
```

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

```
.background{ background-color: rgb(208,  
231, 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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