

Converting Colors

XYZ(65.5361, 74.7435, 71.0403)

Have a look what the booklet for
XYZ(65.5361, 74.7435, 71.0403)
contains.

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Color

**XYZ(65.8167, 75.0207,
71.3331)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE7D1
RGB	207, 231, 209
RGB Percent	81%, 91%, 82%
CMY	0.1882, 0.0941, 0.1804
CMYK	0.10, 0.00, 0.10, 0.09
HSL	125°, 33%, 86%
HSV	125°, 10%, 91%
XYZ	65.8167, 75.0207, 71.3331
YIQ	221.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

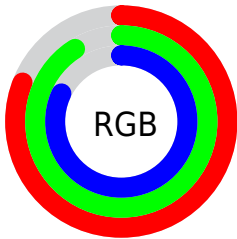
Format	Color
R _Y B	207, 229, 231
Decimal	13625297
CIE Lab	89.40, -11.97, 8.03
CIE LCh	89, 14.411, 146.155
Yxy	75.0207, 0.3102, 0.3536
Android (android.graphics.Color)	4291815377 (0xFFCFE7D1)
YUV	221.3160, -6.0718, -12.5551
Hunter-Lab	86.6145, -15.9366, 11.8007

Details

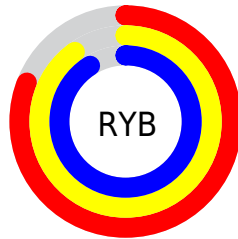
The XYZ color **65.8167, 75.0207, 71.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4134, 67.2736, 83.4591**, and the grayscale version is **68.9960, 72.5892, 79.0496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3832, 39.7988, 36.8801** is the 20% darker color. If you saturate the color by 10%, you get **57.3792, 70.9562, 58.1504**, and if you desaturate by 10%, it is **75.5511, 79.7178, 86.3986**.

Distribution



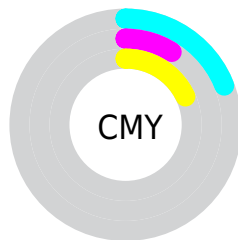
- Red (81%)
- Green (91%)
- Blue (82%)



- Red (81%)
- Yellow (90%)
- Blue (91%)



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



- Cyan (19%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8167, 75.0207, 71.3331 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 65.8167, 75.0207, 71.3331 by changing the saturation by 10% instead.

■ 65.8167, 75.0207,
71.3331

■ 65.8167, 75.0207,
71.3331

435.2200,
477.9887, 484.1320

■ 48.3908, 55.6298,
52.1306

112.2824,
126.3417, 122.8068

■ 34.3490, 39.9062,
36.7262

142.0529,
159.0406, 155.9150

■ 23.3260, 27.4654,
24.7015

176.6689,
196.9443, 194.4956

■ 14.9564, 17.9231,
15.6378

216.4959,
240.4372, 238.9670

■ 8.8749, 10.8948,
9.1166

261.8991,
289.9037, 289.7478

■ 4.7161, 5.9961,
4.7195

313.2440,

■ 2.1147, 2.8427,

345.7282, 347.2565

2.0278

370.8958,
408.2951, 411.9118

0.6972, 1.0502,
0.5723

0.0000, 0.0000,
0.0000

65.8167, 75.0207,
71.3331

65.8167, 75.0207,
71.3331

57.3792, 70.9562,
58.1504

75.5511, 79.7178,
86.3986

50.1779, 67.4882,
46.7719

86.6275, 85.0628,
103.4118

44.1566, 64.5915,
37.1205

87.8674, 85.6347,
106.5058

39.2521, 62.2353,
29.1119

■ 35.3955, 60.3861,
22.6546

■ 32.5102, 59.0065,
17.6482

■ 30.5089, 58.0539,
13.9803

■ 29.2888, 57.4780,
11.5224

■ 28.6971, 57.2026,
10.1560

Harmonies

Analogous

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



68.3556, 75.0207, 65.4545



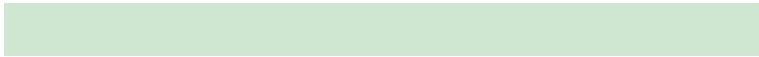
65.8167, 75.0207, 71.3331



64.7471, 75.0207, 80.3887

Triad

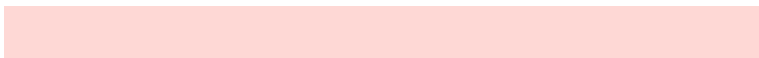
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8167, 75.0207, 71.3331



70.8509, 75.0207, 102.6476



77.5703, 75.0207, 73.4150

Complementary

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



65.8167, 75.0207, 71.3331



69.4134, 67.2736, 83.4591

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.



78.2913, 75.0207, 82.9947



65.8167, 75.0207, 71.3331



74.3378, 75.0207, 100.3981

Square

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



65.8167, 75.0207, 71.3331



67.5923, 75.0207, 98.9104



77.0901, 75.0207, 92.9924



75.1510, 75.0207, 66.5851

Rectangle

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



65.8167, 75.0207, 71.3331



64.9843, 75.0207, 87.2117



77.0901, 75.0207, 92.9924



78.0227, 75.0207, 76.3964

Sweetspot

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



65.8188, 75.0239, 71.3347



91.1827, 98.1344, 102.9327



72.2825, 78.3845, 70.3525



19.3011, 20.9007, 21.6985



0.0000, 0.0000, 0.0000



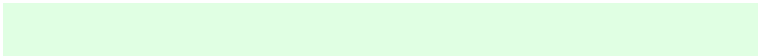
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8188, 75.0239, 71.3347



80.4828, 92.9746, 86.3407



67.3083, 75.6197, 79.1786



14.2378, 16.1086, 15.5172



16.1054, 32.0743, 5.7893



1.2071, 2.3770, 0.5172

Inverse Universe

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



69.4134, 67.2736, 83.4591



85.6454, 81.8434, 103.7533



67.8468, 66.6470, 75.2091



14.9406, 14.5934, 17.8875



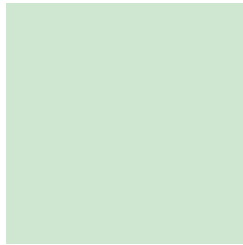
25.1422, 12.1911, 35.9732



1.8733, 0.9070, 2.7393

Previews

White Background



This preview shows how the XYZ color 65.8167, 75.0207, 71.3331 looks on a white background.

Color Contrast Check

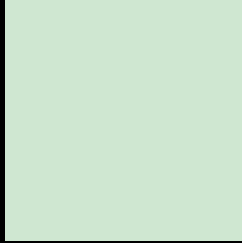
Large Text (above 18pt) WCAG AA × Fail

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 65.8167, 75.0207, 71.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

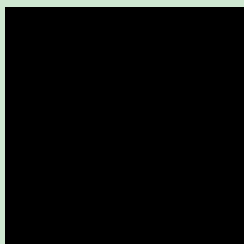
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

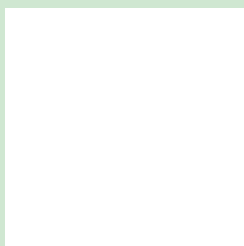
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8167, 75.0207, 71.3331

Background



This preview shows how black text looks on a background with the XYZ color 65.8167, 75.0207, 71.3331.



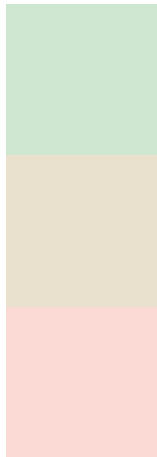
This preview shows how white text looks on a background with the XYZ color 65.8167, 75.0207,

71.3331.

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

65.8167, 75.0207, 71.3331

Protanopia

71.2794, 75.0427, 68.4855

Deuteranopia

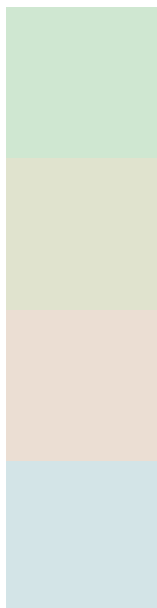
76.4802, 74.8884, 72.7113



Tritanopia

70.9661, 75.0705, 96.3377

Trichromacy



Original Color

65.8167, 75.0207, 71.3331

Protanomaly

69.3501, 75.2417, 69.2605

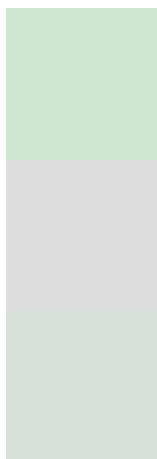
Deuteranomaly

72.1401, 74.6079, 72.2266

Tritanomaly

69.0312, 75.1052, 86.4597

Monochromacy



Original Color

65.8167, 75.0207, 71.3331

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.7685, 73.4591, 76.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8167, 75.0207, 71.3331 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(207, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 231, 209)  
}
```

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(207, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 231, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.8167, 75.0207, 71.3331 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(207, 231, 209) }
```


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

```
.border{ border-color:rgb(207, 231, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 231,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8167, 75.0207, 71.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 231, 209) }
```

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

```
.background{ background-color: rgb(207,  
231, 209) }
```

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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