

Converting Colors

XYZ(65.6644, 74.0981, 71.8128)

Have a look what the booklet for
XYZ(65.6644, 74.0981, 71.8128)
contains.

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Color

**XYZ(65.6646, 74.1017,
71.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E5D2
RGB	208, 229, 210
RGB Percent	82%, 90%, 82%
CMY	0.1843, 0.1019, 0.1765
CMYK	0.09, 0.00, 0.08, 0.10
HSL	126°, 29%, 86%
HSV	126°, 9%, 90%
XYZ	65.6646, 74.1017, 71.8149
YIQ	220.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

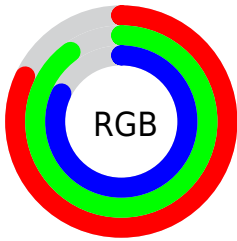
Format	Color
R_{YB}	208, 227, 229
Decimal	13690322
CIE Lab	88.97, -10.45, 6.89
CIE LCh	89, 12.515, 146.592
Yxy	74.1017, 0.3104, 0.3502
Android (android.graphics.Color)	4291880402 (0xFFD0E5D2)
YUV	220.5550, -5.2036, -11.0107
Hunter-Lab	86.0823, -14.4823, 10.7945

Details

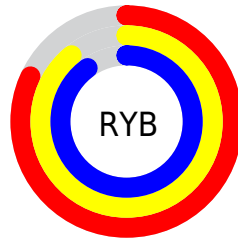
The XYZ color **65.6646, 74.1017, 71.8149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7368, 67.3176, 82.0474**, and the grayscale version is **68.4556, 72.0206, 78.4305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4632, 39.5424, 37.2685** is the 20% darker color. If you saturate the color by 10%, you get **57.2687, 70.0548, 58.8083**, and if you desaturate by 10%, it is **75.3286, 78.7679, 86.6286**.

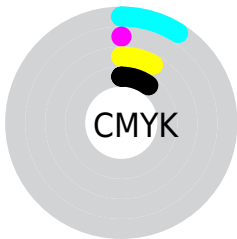
Distribution



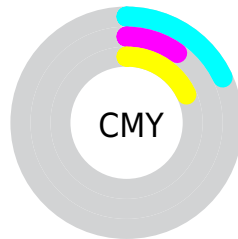
- Red (82%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6646, 74.1017, 71.8149 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 65.6646, 74.1017, 71.8149 by changing the saturation by 10% instead.

65.6646, 74.1017,
71.8149

65.6646, 74.1017,
71.8149

434.6840,
474.8243, 485.8573

48.2669, 54.8773,
52.5216

112.0652,
125.0400, 123.4986

34.2504, 39.3035,
37.0359

141.7988,
157.5226, 156.7261

23.2498, 26.9959,
24.9393

176.3751,
195.1934, 195.4353

14.8998, 17.5701,
15.8132

216.1594,
238.4368, 240.0449

8.8350, 10.6418,
9.2391

261.5171,
287.6372, 290.9733

4.6899, 5.8265,
4.7986

312.8135,

2.0994, 2.7399,

343.1790, 348.6392

2.0729

370.4140,
405.4466, 413.4610

■ 0.6889, 0.9975,
0.5996

■ 0.0000, 0.0000,
0.0000

■ 65.6646, 74.1017,
71.8149

■ 65.6646, 74.1017,
71.8149

■ 57.2687, 70.0548,
58.8083

■ 75.3286, 78.7679,
86.6286

■ 50.0822, 66.5921,
47.5350

■ 86.3037, 84.0680,
103.3097

■ 44.0512, 63.6895,
37.9233

■ 87.3108, 84.5215,
106.3203

■ 39.1152, 61.3175,
29.8947

■ 35.2082, 59.4438,
23.3641

■ 32.2569, 58.0328,
18.2388

■ 30.1786, 57.0438,
14.4156

■ 28.8759, 56.4293,
11.7771

■ 28.2045, 56.1178,
10.1838

Harmonies

Analogous

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



67.8476, 74.1017, 66.6235



65.6646, 74.1017, 71.8149



64.7571, 74.1017, 79.6932

Triad

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



65.6646, 74.1017, 71.8149



70.0846, 74.1017, 98.5719



75.7878, 74.1017, 73.4214

Complementary

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



65.6646, 74.1017, 71.8149



68.7368, 67.3176, 82.0474

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.



76.4279, 74.1017, 81.6833



65.6646, 74.1017, 71.8149



73.0801, 74.1017, 96.5957

Square

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



65.6646, 74.1017, 71.8149



67.2624, 74.1017, 95.4782



75.4236, 74.1017, 90.2551



73.6985, 74.1017, 67.5031

Rectangle

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



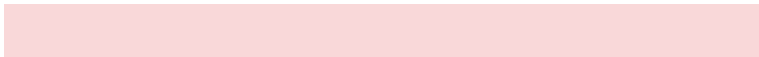
65.6646, 74.1017, 71.8149



64.9777, 74.1017, 85.5586



75.4236, 74.1017, 90.2551



76.1822, 74.1017, 75.9985

Sweetspot

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



65.6667, 74.1049, 71.8165



91.1968, 98.1400, 103.0072



71.1651, 76.9681, 70.7809



19.3049, 20.9023, 21.7185



0.0000, 0.0000, 0.0000



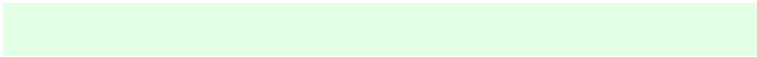
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6667, 74.1049, 71.8165



81.6526, 93.5347, 88.3348



66.9855, 74.6324, 78.7614



14.2448, 16.1113, 15.5539



16.1212, 32.0806, 5.8728



1.2104, 2.3783, 0.5347

Inverse Universe

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



68.7368, 67.3176, 82.0474



86.3182, 83.2200, 103.8824



67.3633, 66.7682, 74.8145



14.9328, 14.5903, 17.8466



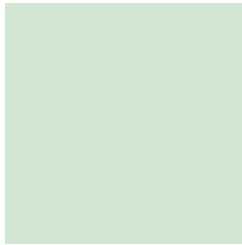
24.9523, 12.1151, 34.9735



1.8612, 0.9022, 2.6756

Previews

White Background



This preview shows how the XYZ color 65.6646, 74.1017, 71.8149 looks on a white background.

Color Contrast Check

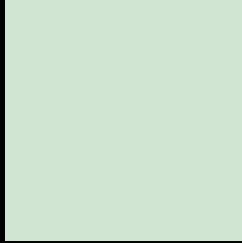
Large Text (above 18pt) WCAG AA × Fail

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 65.6646, 74.1017, 71.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

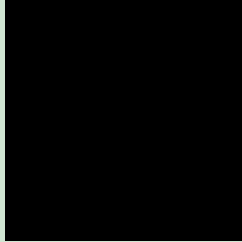
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

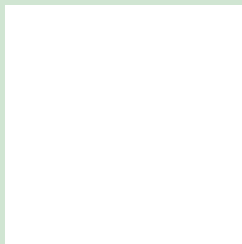
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6646, 74.1017, 71.8149

Background



This preview shows how black text looks on a background with the XYZ color 65.6646, 74.1017, 71.8149.

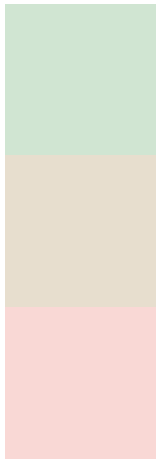


This preview shows how white text looks on a background with the XYZ color 65.6646, 74.1017,

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

65.6646, 74.1017, 71.8149

Protanopia

70.2169, 73.6877, 68.9148

Deuteranopia

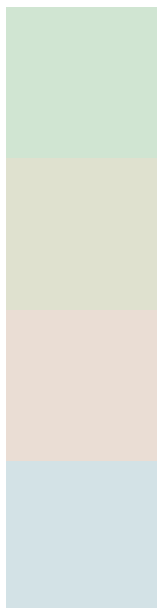
75.6330, 74.0556, 73.2587



Tritanopia

70.1232, 73.8682, 94.5665

Trichromacy



Original Color

65.6646, 74.1017, 71.8149

Protanomaly

68.6191, 74.0434, 69.7067

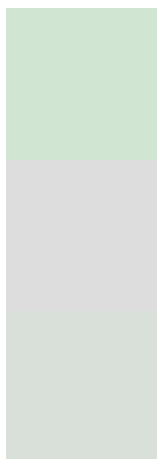
Deuteranomaly

71.6718, 73.9588, 72.7853

Tritanomaly

68.3433, 73.9548, 85.5355

Monochromacy



Original Color

65.6646, 74.1017, 71.8149

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.4989, 72.9200, 76.1630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6646, 74.1017, 71.8149 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, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(208, 229, 210)  
}
```

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, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 229, 210) }
```

Border

The CSS property to change the border of an element to XYZ 65.6646, 74.1017, 71.8149 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, 229, 210) }
```


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

```
.border{ border-color:rgb(208, 229, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 229, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(208, 229,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6646, 74.1017, 71.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 229, 210) }
```

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

```
.background{ background-color: rgb(208,  
229, 210) }
```

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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