

Converting Colors

XYZ(66.1329, 74.4489, 85.7474)

Have a look what the booklet for
XYZ(66.1329, 74.4489, 85.7474)
contains.

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Color

**XYZ(66.1329, 74.4489,
85.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E6E6
RGB	199, 230, 230
RGB Percent	78%, 90%, 90%
CMY	0.2196, 0.0980, 0.0980
CMYK	0.13, 0.00, 0.00, 0.10
HSL	180°, 38%, 84%
HSV	180°, 13%, 90%
XYZ	66.1329, 74.4489, 85.7474
YIQ	220.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

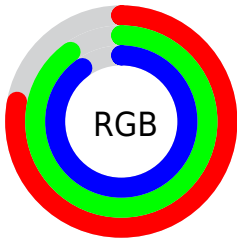
Format	Color
RYB	199, 215, 230
Decimal	13100774
CIELab	89.13, -10.10, -3.43
CIELCh	89, 10.670, 198.735
Yxy	74.4489, 0.2922, 0.3289
Android (android.graphics.Color)	4291290854 (0xFFC7E6E6)
YUV	220.7310, 4.5696, -19.0581
Hunter-Lab	86.2838, -14.1838, 1.4772

Details

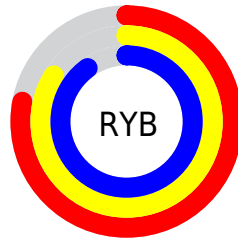
The XYZ color **66.1329, 74.4489, 85.7474** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.3680, 61.7953, 62.6239**, and the grayscale version is **68.5186, 72.0869, 78.5026**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5510, 39.3870, 46.3389** is the 20% darker color. If you saturate the color by 10%, you get **60.4858, 71.5398, 85.4829**, and if you desaturate by 10%, it is **72.7066, 77.8397, 86.0584**.

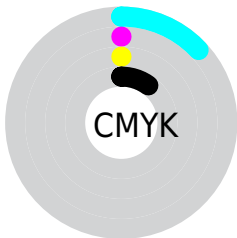
Distribution



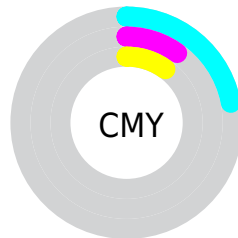
- Red (78%)
- Green (90%)
- Blue (90%)



- Red (78%)
- Yellow (84%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1329, 74.4489, 85.7474 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 66.1329, 74.4489, 85.7474 by changing the saturation by 10% instead.

66.1329, 74.4489,
85.7474

66.1329, 74.4489,
85.7474

436.3332,
476.0212, 534.3069

48.6484, 55.1615,
63.9054

112.7337,
125.5319, 143.3004

34.5540, 39.5311,
46.1284

142.5808,
158.0964, 179.8484

23.4844, 27.1731,
31.9977

177.2794,
195.8554, 222.1356

15.0743, 17.7033,
21.0950

217.1949,
239.1932, 270.5804

8.9582, 10.7372,
13.0015

262.6927,
288.4943, 325.6014

4.7708, 5.8904,
7.2989

314.1381,

2.1468, 2.7785,

344.1431, 387.6171

3.5684

371.8965,
406.5239, 457.0461

■ 0.7145, 1.0172,
1.3917

■ 0.0000, 0.0000,
0.1352

■ 66.1329, 74.4489,
85.7474

■ 66.1329, 74.4489,
85.7474

■ 60.4858, 71.5398,
85.4829

■ 72.7066, 77.8397,
86.0584

■ 55.7177, 69.0817,
85.2580


■ 80.2392, 81.7229,
86.4127


■ 51.7863, 67.0551,
85.0722

■ 83.8224, 83.5700,
86.5822


■ 48.6434, 65.4349,
84.9233


■ 83.8227, 83.5702,
86.5840


 46.2357, 64.1937,
84.8088

 83.8230, 83.5703,
86.5858


 44.5037, 63.3009,
84.7260


 83.8234, 83.5704,
86.5876


 43.3782, 62.7207,
84.6715

 83.8237, 83.5706,
86.5894

 42.7755, 62.4101,
84.6415

 83.8241, 83.5707,
86.5913

 42.5783, 62.3084,
84.6311

 83.8244, 83.5708,
86.5931

Harmonies

Analogous

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



65.9719, 74.4489, 78.2981



66.1329, 74.4489, 85.7474



67.5159, 74.4489, 92.3049

Triad

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



66.1329, 74.4489, 85.7474



74.5853, 74.4489, 90.8743



71.7423, 74.4489, 67.8185

Complementary

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



66.1329, 74.4489, 85.7474



63.3680, 61.7953, 62.6239

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.



74.1094, 74.4489, 70.7716



66.1329, 74.4489, 85.7474



75.7774, 74.4489, 83.8906

Square

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



66.1329, 74.4489, 85.7474



72.3790, 74.4489, 95.3877



75.6011, 74.4489, 76.5508



69.1682, 74.4489, 68.2480

Rectangle

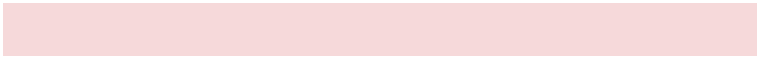
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



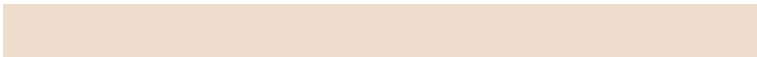
66.1329, 74.4489, 85.7474



68.9642, 74.4489, 95.1470



75.6011, 74.4489, 76.5508



72.5897, 74.4489, 68.4408

Sweetspot

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



66.1350, 74.4520, 85.7491



91.3963, 98.1165, 108.7281



62.2983, 72.9332, 64.8281



19.4202, 20.9276, 23.2656



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.



66.1350, 74.4520, 85.7491



81.5993, 93.0660, 108.2669



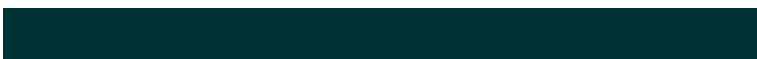
62.1429, 66.4670, 84.4206



14.8075, 16.3364, 18.5168



24.1043, 35.2738, 47.9112



1.7812, 2.6066, 3.5406

Inverse Universe

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



63.3680, 61.7953, 62.6239



77.5009, 74.3199, 74.0157



66.9869, 69.0338, 63.8283



14.3771, 14.3680, 14.9203



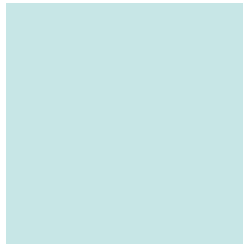
18.4751, 9.5243, 0.8652



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 66.1329, 74.4489, 85.7474 looks on a white background.

Color Contrast Check

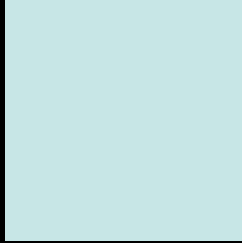
Large Text (above 18pt) WCAG AA × Fail

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 66.1329, 74.4489, 85.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

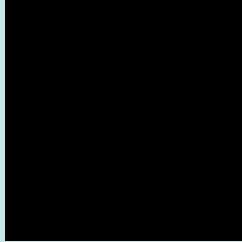
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

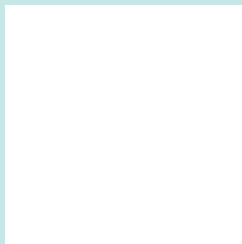
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1329, 74.4489, 85.7474

Background



This preview shows how black text looks on a background with the XYZ color 66.1329, 74.4489, 85.7474.



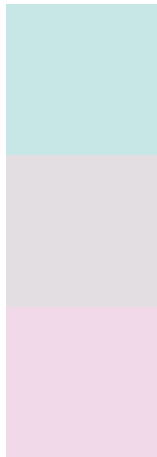
This preview shows how white text looks on a background with the XYZ color 66.1329, 74.4489, 85.7474.

85.7474.

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

66.1329, 74.4489, 85.7474

Protanopia

71.5273, 74.0644, 82.4775

Deuteranopia

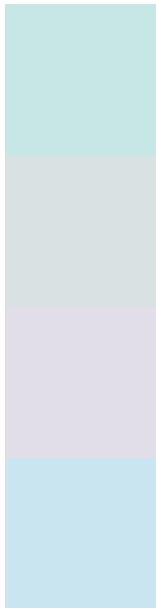
75.7965, 74.2097, 87.4198



Tritanopia

68.7351, 74.6972, 97.9841

Trichromacy



Original Color

66.1329, 74.4489, 85.7474

Protanomaly

69.4056, 74.1482, 83.3270

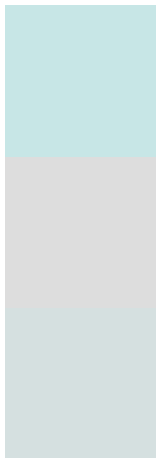
Deuteranomaly

72.0508, 74.2375, 86.8757

Tritanomaly

67.8349, 74.7474, 93.2905

Monochromacy



Original Color

66.1329, 74.4489, 85.7474

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.5508, 72.8393, 81.0201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1329, 74.4489, 85.7474 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(199, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(199, 230, 230)  
}
```

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(199, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 66.1329, 74.4489, 85.7474 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(199, 230, 230) }
```


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

```
.border{ border-color:rgb(199, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(199, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1329, 74.4489, 85.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 230, 230) }
```

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

```
.background{ background-color: rgb(199,  
230, 230) }
```

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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