

Converting Colors

XYZ(65.1737, 73.7757, 85.5595)

Have a look what the booklet for
XYZ(65.1737, 73.7757, 85.5595)
contains.

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Color

**XYZ(65.3447, 74.0426,
85.7105)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E6E6
RGB	196, 230, 230
RGB Percent	77%, 90%, 90%
CMY	0.2314, 0.0980, 0.0980
CMYK	0.15, 0.00, 0.00, 0.10
HSL	180°, 40%, 84%
HSV	180°, 15%, 90%
XYZ	65.3447, 74.0426, 85.7105
YIQ	219.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

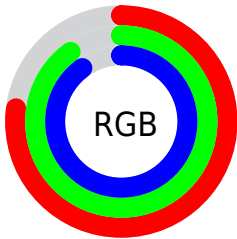
Format	Color
RYB	196, 213, 230
Decimal	12904166
CIELab	88.94, -11.05, -3.73
CIELCh	89, 11.659, 198.664
Yxy	74.0426, 0.2903, 0.3289
Android (android.graphics.Color)	4291094246 (0xFFC4E6E6)
YUV	219.8340, 5.0118, -20.9024
Hunter-Lab	86.0480, -15.0314, 1.1762

Details

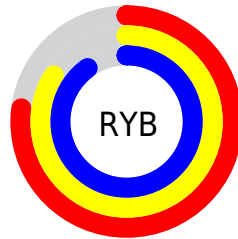
The XYZ color **65.3447, 74.0426, 85.7105** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.3395, 60.2904, 60.5794**, and the grayscale version is **67.8898, 71.4254, 77.7822**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **34.0292, 39.1180, 46.3144** is the 20% darker color. If you saturate the color by 10%, you get **59.8150, 71.1939, 85.4516**, and if you desaturate by 10%, it is **71.7959, 77.3702, 86.0156**.

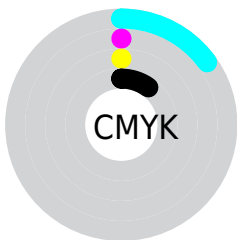
Distribution



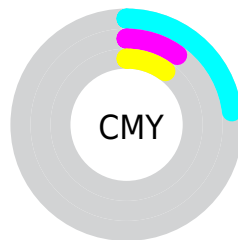
- Red (77%)
- Green (90%)
- Blue (90%)



- Red (77%)
- Yellow (84%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3447, 74.0426, 85.7105 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 65.3447, 74.0426, 85.7105 by changing the saturation by 10% instead.

65.3447, 74.0426,
85.7105

65.3447, 74.0426,
85.7105

433.5553,
474.6204, 534.1819

48.0064, 54.8289,
63.8751

111.6082,
124.9562, 143.2484

34.0432, 39.2648,
46.1040

141.2642,
157.4249, 179.7880

23.0898, 26.9658,
31.9786

175.7567,
195.0807, 222.0660

14.7809, 17.5475,
21.0805

215.4511,
238.3080, 270.5010

8.7511, 10.6256,
12.9910

260.7128,
287.4913, 325.5116

4.6350, 5.8157,
7.2917

311.9072,

2.0673, 2.7333,

343.0148, 387.5162

3.5640

369.3996,
405.2630, 456.9335

■ 0.6713, 0.9941,
1.3893

■ 0.0000, 0.0000,
0.1334

■ 65.3447, 74.0426,
85.7105

■ 65.3447, 74.0426,
85.7105

■ 59.8150, 71.1939,
85.4516

■ 71.7959, 77.3702,
86.0156

■ 55.1586, 68.7935,
85.2320

■ 79.2010, 81.1877,
86.3638

■ 51.3329, 66.8213,
85.0513

■ 83.8223, 83.5700,
86.5818

■ 48.2890, 65.2522,
84.9072

■ 83.8226, 83.5701,
86.5835

■ 45.9730, 64.0583,
84.7972

■ 83.8229, 83.5703,
86.5851

■ 44.3243, 63.2084,
84.7184

■ 83.8232, 83.5704,
86.5868

■ 43.2722, 62.6660,
84.6675

■ 83.8236, 83.5705,
86.5885

■ 42.7304, 62.3868,
84.6404

■ 83.8239, 83.5706,
86.5902

■ 42.5786, 62.3085,
84.6325

■ 83.8242, 83.5708,
86.5918

Harmonies

Analogous

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



65.1735, 74.0426, 77.5951



65.3447, 74.0426, 85.7105



66.8421, 74.0426, 92.8965

Triad

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



65.3447, 74.0426, 85.7105



74.5406, 74.0426, 91.3572



71.4503, 74.0426, 66.2846

Complementary

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



65.3447, 74.0426, 85.7105



62.3395, 60.2904, 60.5794

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.



74.0309, 74.0426, 69.4754



65.3447, 74.0426, 85.7105



75.8467, 74.0426, 83.7222

Square

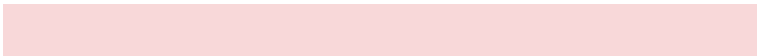
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.3447, 74.0426, 85.7105



72.1310, 74.0426, 96.3043



75.6576, 74.0426, 75.7348



68.6482, 74.0426, 66.7380

Rectangle

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



65.3447, 74.0426, 85.7105



68.4139, 74.0426, 96.0246



75.6576, 74.0426, 75.7348



72.3738, 74.0426, 66.9575

Sweetspot

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



65.3468, 74.0457, 85.7122



91.3963, 98.1165, 108.7282



61.1754, 72.3942, 62.9750



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.



65.3468, 74.0457, 85.7122



80.1321, 92.3096, 108.1981



60.9871, 65.3254, 84.2612



14.8075, 16.3364, 18.5168



24.1045, 35.2739, 47.9120



1.7813, 2.6066, 3.5406

Inverse Universe

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



62.3395, 60.2904, 60.5794



75.5866, 71.5186, 70.2101



66.2516, 68.1151, 61.8815



14.3771, 14.3680, 14.9203



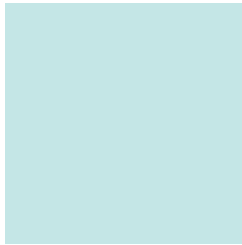
18.4751, 9.5243, 0.8651



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 65.3447, 74.0426, 85.7105 looks on a white background.

Color Contrast Check

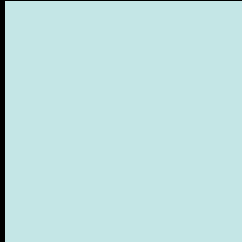
Large Text (above 18pt) WCAG AA × Fail

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 65.3447, 74.0426, 85.7105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

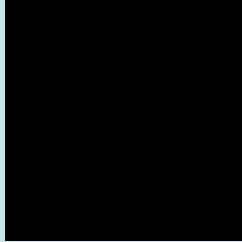
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

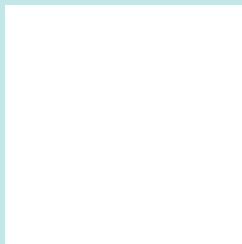
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3447, 74.0426, 85.7105

Background



This preview shows how black text looks on a background with the XYZ color 65.3447, 74.0426, 85.7105.



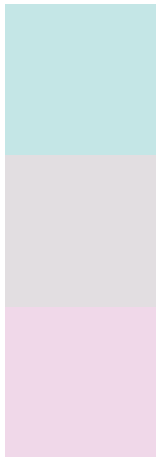
This preview shows how white text looks on a background with the XYZ color 65.3447, 74.0426,

85.7105.

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

65.3447, 74.0426, 85.7105

Protanopia

71.0759, 73.8475, 81.7421

Deuteranopia

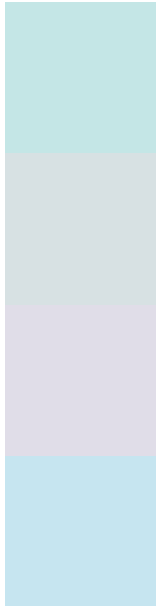
75.1990, 73.5202, 87.3182



Tritanopia

67.9311, 74.2827, 97.9464

Trichromacy



Original Color

65.3447, 74.0426, 85.7105

Protanomaly

68.8147, 73.8436, 83.2994

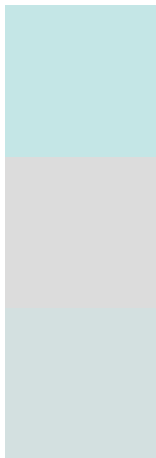
Deuteranomaly

71.1624, 73.3864, 86.7583

Tritanomaly

67.0362, 74.3357, 93.2531

Monochromacy



Original Color

65.3447, 74.0426, 85.7105

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.9742, 72.5420, 80.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3447, 74.0426, 85.7105 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(196, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 65.3447, 74.0426, 85.7105 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(196, 230, 230) }
```


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

```
.border{ border-color:rgb(196, 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(196, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(196, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3447, 74.0426, 85.7105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 230, 230) }
```

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

```
.background{ background-color: rgb(196,  
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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