

Converting Colors

XYZ(64.0974, 73.3402, 86.1752)

Have a look what the booklet for
XYZ(64.0974, 73.3402, 86.1752)
contains.

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Color

**XYZ(64.2065, 73.4395,
86.3925)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE6E7
RGB	191, 230, 231
RGB Percent	75%, 90%, 91%
CMY	0.2510, 0.0980, 0.0941
CMYK	0.17, 0.00, 0.00, 0.09
HSL	181°, 45%, 83%
HSV	181°, 17%, 91%
XYZ	64.2065, 73.4395, 86.3925
YIQ	218.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

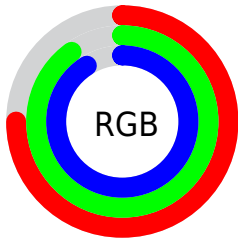
Format	Color
RYB	191, 211, 231
Decimal	12576487
CIELab	88.66, -12.39, -4.71
CIELCh	89, 13.257, 200.820
Yxy	73.4395, 0.2866, 0.3278
Android (android.graphics.Color)	4290766567 (0xFFBFE6E7)
YUV	218.4530, 6.1857, -24.0763
Hunter-Lab	85.6968, -16.2322, 0.2165

Details

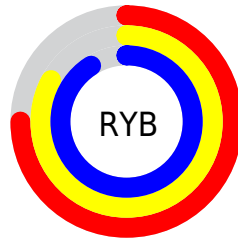
The XYZ color **64.2065, 73.4395, 86.3925** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.2093, 58.4499, 57.3475**, and the grayscale version is **66.9252, 70.4106, 76.6771**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **33.1904, 38.6856, 46.2752** is the 20% darker color. If you saturate the color by 10%, you get **58.6898, 70.3600, 86.0900**, and if you desaturate by 10%, it is **70.6442, 76.9984, 86.7413**.

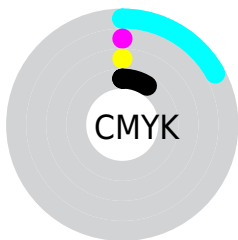
Distribution



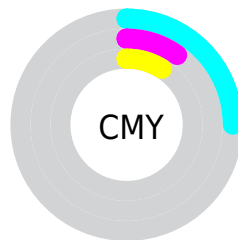
- Red (75%)
- Green (90%)
- Blue (91%)



- Red (75%)
- Yellow (83%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (25%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2065, 73.4395, 86.3925 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 64.2065, 73.4395, 86.3925 by changing the saturation by 10% instead.

64.2065, 73.4395,
86.3925

64.2065, 73.4395,
86.3925

429.5254,
472.5366, 536.4888

47.0803, 54.3354,
64.4358

109.9803,
124.1009, 144.2085

33.3073, 38.8699,
46.5553

139.3587,
156.4271, 180.9049

22.5223, 26.6585,
32.3324

173.5517,
193.9294, 223.3516

14.3600, 17.3169,
21.3486

212.9248,
236.9922, 271.9671

8.4548, 10.4607,
13.1854

257.8434,
285.9999, 327.1701

4.4416, 5.7055,
7.4241

308.6728,

1.9548, 2.6668,

341.3370, 389.3790

3.6463

365.7783,
403.3877, 459.0124

■ 0.6084, 0.9604,
1.4334

■ 0.0000, 0.0000,
0.1675

■ 64.2065, 73.4395,
86.3925

■ 64.2065, 73.4395,
86.3925

■ 58.6898, 70.3600,
86.0900

■ 70.6442, 76.9984,
86.7413

■ 54.0450, 67.7288,
85.8270

■ 78.0365, 81.0483,
87.1334

■ 50.2277, 65.5251,
85.6028

■ 84.4452, 84.5920,
87.4796

■ 47.1876, 63.7227,
85.4151

■ 84.6073, 84.9162,
87.5337

■ 44.8686, 62.2929,
85.2614

■ 84.7699, 85.2414,
87.5879

■ 43.2072, 61.2028,
85.1386

■ 84.9331, 85.5677,
87.6422

■ 42.1287, 60.4141,
85.0431

■ 85.0968, 85.8951,
87.6968

■ 41.5348, 59.8759,
84.9706

■ 85.2610, 86.2235,
87.7515

■ 41.4153, 59.7522,
84.9530

■ 85.4257, 86.5530,
87.8065

Harmonies

Analogous

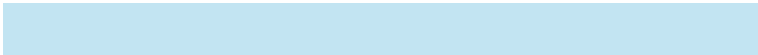
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9015, 73.4395, 77.1843



64.2065, 73.4395, 86.3925



65.9860, 73.4395, 94.4178

Triad

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



64.2065, 73.4395, 86.3925



74.6819, 73.4395, 91.6223



70.7884, 73.4395, 63.7958

Complementary

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



64.2065, 73.4395, 86.3925



61.2093, 58.4499, 57.3475

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.



73.7625, 73.4395, 67.0645



64.2065, 73.4395, 86.3925



76.0551, 73.4395, 82.8079

Square

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



64.2065, 73.4395, 86.3925



72.0123, 73.4395, 97.5939



75.7136, 73.4395, 73.8609



67.6375, 73.4395, 64.5949

Rectangle

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



64.2065, 73.4395, 86.3925



67.7997, 73.4395, 97.7911



75.7136, 73.4395, 73.8609



71.8434, 73.4395, 64.4454

Sweetspot

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



64.2086, 73.4425, 86.3942



90.4125, 97.4589, 108.6539



59.5406, 72.0205, 60.4404



19.2178, 20.7865, 23.2493



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.



64.2086, 73.4425, 86.3942



77.5943, 90.3714, 107.9615



59.0400, 63.1053, 84.6713



14.7750, 16.2715, 18.5063



23.2321, 33.5263, 47.6299



1.7266, 2.4971, 3.5230

Inverse Universe

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



65.8704, 59.9653, 82.9691



80.0675, 70.3777, 102.8494



65.8205, 67.6724, 58.8846



14.9788, 14.6087, 18.0887



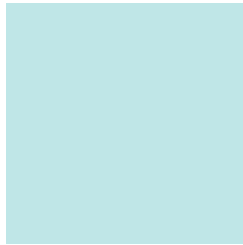
26.1200, 12.5822, 41.1225



1.9351, 0.9318, 3.0649

Previews

White Background



This preview shows how the XYZ color 64.2065, 73.4395, 86.3925 looks on a white background.

Color Contrast Check

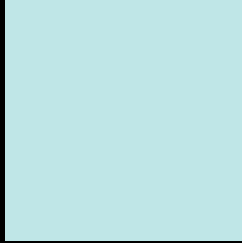
Large Text (above 18pt) WCAG AA × Fail

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 64.2065, 73.4395, 86.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

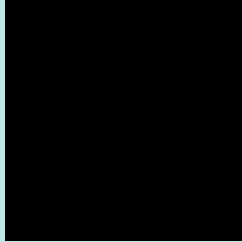
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

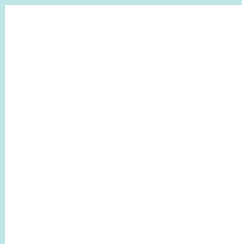
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2065, 73.4395, 86.3925

Background



This preview shows how black text looks on a background with the XYZ color 64.2065, 73.4395, 86.3925.

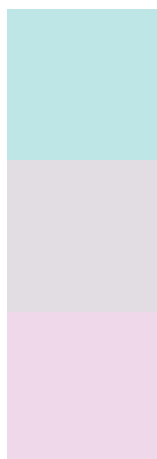


This preview shows how white text looks on a background with the XYZ color 64.2065, 73.4395,

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

64.2065, 73.4395, 86.3925

Protanopia

70.6353, 73.2114, 82.3598

Deuteranopia

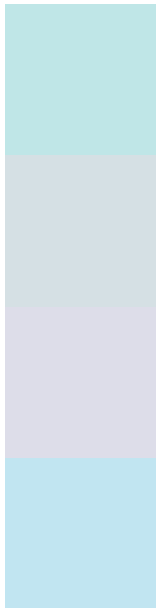
74.6670, 73.2294, 88.0412



Tritanopia

66.6261, 73.6100, 97.8854

Trichromacy



Original Color

64.2065, 73.4395, 86.3925

Protanomaly

68.0998, 73.0589, 83.9113

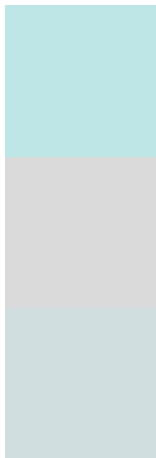
Deuteranomaly

70.3832, 72.9682, 87.4655

Tritanomaly

65.8888, 73.7270, 93.9771

Monochromacy



Original Color

64.2065, 73.4395, 86.3925

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.4530, 70.9802, 80.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2065, 73.4395, 86.3925 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(191, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 231)  
}
```

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(191, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 231) }
```

Border

The CSS property to change the border of an element to XYZ 64.2065, 73.4395, 86.3925 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(191, 230, 231) }
```


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

```
.border{ border-color:rgb(191, 230, 231) }
```

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

Here you see how a box with a 4 pixel rgb(191, 230, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(191, 230,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2065, 73.4395, 86.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 231) }
```

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

```
.background{ background-color: rgb(191,  
230, 231) }
```

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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