

# Converting Colors

XYZ(62.7383, 71.4702, 85.3514)

Have a look what the booklet for  
XYZ(62.7383, 71.4702, 85.3514)  
contains.

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# Color

**XYZ(62.7383, 71.4702,  
85.3514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BDE3E6</a>
RGB	<a href="#">189, 227, 230</a>
RGB Percent	<a href="#">74%, 89%, 90%</a>
CMY	<a href="#">0.2588, 0.1098, 0.0980</a>
CMYK	<a href="#">0.18, 0.01, 0.00, 0.10</a>
HSL	<a href="#">184°, 45%, 82%</a>
HSV	<a href="#">184°, 18%, 90%</a>
XYZ	<a href="#">62.7383, 71.4702, 85.3514</a>
YIQ	<a href="#">215.9800, -23.6110, -7.1230</a>

# Conversions

## Conversions Part 2

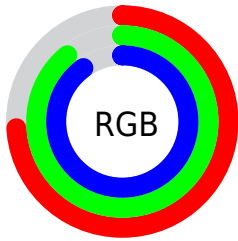
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 209, 230
Decimal	12444646
CIE <sub>Lab</sub>	87.71, -11.69, -5.59
CIE <sub>LCh</sub>	88, 12.961, 205.563
Yxy	71.4702, 0.2857, 0.3255
Android (android.graphics.Color)	4290634726 (0xFFBDE3E6)
YUV	215.9800, 6.9119, -23.6615
Hunter-Lab	84.5400, -15.4779, -0.6810

# Details

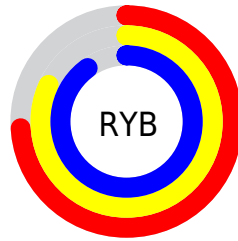
The XYZ color **62.7383, 71.4702, 85.3514** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.6687, 58.1964, 56.1809**, and the grayscale version is **65.2243, 68.6210, 74.7283**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **32.4821, 37.7511, 46.1321** is the 20% darker color. If you saturate the color by 10%, you get **57.0223, 67.8460, 84.9543**, and if you desaturate by 10%, it is **69.3677, 75.5757, 85.7956**.

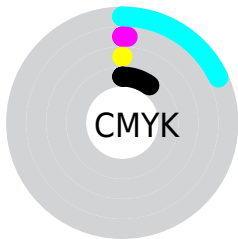
# Distribution



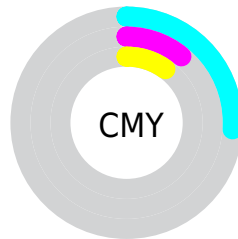
- Red (74%)
- Green (89%)
- Blue (90%)



- Red (74%)
- Yellow (82%)
- Blue (90%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (11%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7383, 71.4702, 85.3514 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 62.7383, 71.4702, 85.3514 by changing the saturation by 10% instead.



62.7383, 71.4702,  
85.3514

62.7383, 71.4702,  
85.3514

424.2939,  
465.6955, 532.9650

45.8874, 52.7260,  
63.5800

107.8758,  
121.3030, 142.7426

32.3612, 37.5841,  
45.8665

136.8931,  
153.1604, 179.1993

21.7944, 25.6600,  
31.7926

170.6966,  
190.1576, 221.3883

13.8217, 16.5695,  
20.9396

209.6516,  
232.6791, 269.7280

8.0776, 9.9280,  
12.8891

254.1234,  
281.1093, 324.6370

4.1969, 5.3513,  
7.2224

304.4775,

1.8141, 2.4548,

335.8324, 386.5338

3.5210

361.0792,  
397.2330, 455.8370

■ 0.5261, 0.8539,  
1.3664

■ 0.0000, 0.0000,  
0.1153

■ 62.7383, 71.4702,  
85.3514

■ 62.7383, 71.4702,  
85.3514

■ 57.0223, 67.8460,  
84.9543

■ 69.3677, 75.5757,  
85.7956

■ 52.1708, 64.6723,  
84.5974

■ 76.9441, 80.1741,  
86.2838

■ 48.1401, 61.9284,  
84.2802

■ 84.3934, 84.7137,  
86.7675

■ 44.8798, 59.5882,  
84.0003

■ 84.8690, 85.6650,  
86.9260

42.3343, 57.6231,  
83.7552

85.3492, 86.6254,  
87.0861

40.4401, 56.0003,  
83.5418

85.8340, 87.5949,  
87.2477

39.1227, 54.6815,  
83.3567

86.3233, 88.5735,  
87.4108

38.2799, 53.6138,  
83.1950

86.8172, 89.5613,  
87.5754

38.1251, 53.3972,  
83.1614

87.3156, 90.5582,  
87.7415

# Harmonies

## Analogous

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



62.2081, 71.4702, 76.5171



62.7383, 71.4702, 85.3514



64.6435, 71.4702, 92.6259

# Triad

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



62.7383, 71.4702, 85.3514



72.9208, 71.4702, 87.7857



68.3884, 71.4702, 62.1378

# Complementary

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



62.7383, 71.4702, 85.3514



60.6687, 58.1964, 56.1809

# 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.



71.3267, 71.4702, 64.6805



62.7383, 71.4702, 85.3514



73.9931, 71.4702, 79.1354

# Square

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



62.7383, 71.4702, 85.3514



70.5119, 71.4702, 94.1040



73.4011, 71.4702, 70.7431



65.4125, 71.4702, 63.5301



# Rectangle

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



62.7383, 71.4702, 85.3514



66.4678, 71.4702, 95.3834



73.4011, 71.4702, 70.7431



69.4141, 71.4702, 62.5550

# Sweetspot

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



62.7404, 71.4731, 85.3530



90.2172, 97.0683, 108.5888



58.7693, 71.2077, 60.3627



19.1701, 20.6912, 23.2334



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.



62.7404, 71.4731, 85.3530



76.7825, 88.7479, 107.6909



57.5268, 61.0460, 83.6152



14.7126, 16.1465, 18.4855



21.6231, 30.3083, 47.0936



1.6250, 2.2939, 3.4891



# Inverse Universe

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



64.6975, 58.7658, 80.6095



79.6578, 70.2139, 100.6919



65.4215, 67.7022, 57.7652



14.9473, 14.5961, 17.9226



25.3078, 12.2574, 36.8457

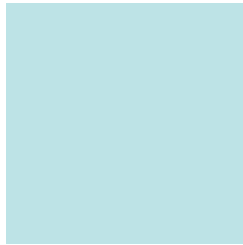


1.8838, 0.9112, 2.7948



# Previews

## White Background



This preview shows how the XYZ color 62.7383, 71.4702, 85.3514 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

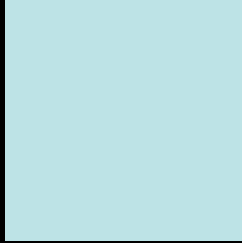
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.7383, 71.4702, 85.3514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

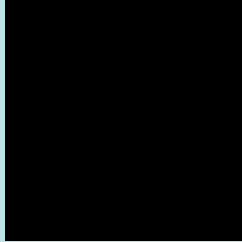
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.7383, 71.4702, 85.3514

## Background



This preview shows how black text looks on a background with the XYZ color 62.7383, 71.4702, 85.3514.



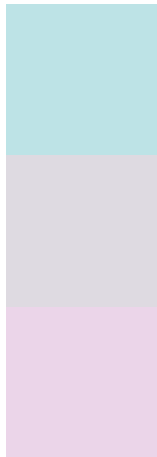
This preview shows how white text looks on a background with the XYZ color 62.7383, 71.4702,



# 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

62.7383, 71.4702, 85.3514

### Protanopia

68.7862, 71.1086, 81.3341

### Deuteranopia

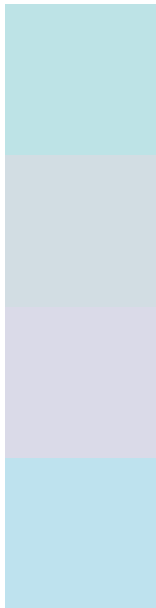
72.7632, 71.1339, 86.9860



## Tritanopia

64.5887, 71.3979, 95.1710

# Trichromacy



## Original Color

62.7383, 71.4702, 85.3514

## Protanomaly

66.2999, 70.9606, 82.8754

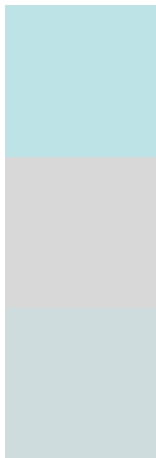
## Deuteranomaly

68.5503, 70.8744, 86.4111

## Tritanomaly

63.8642, 71.5129, 91.3263

# Monochromacy



## Original Color

62.7383, 71.4702, 85.3514

## Achromatopsia

65.2694, 68.6685, 74.7800

## Achromatomaly

64.0979, 69.5287, 78.4487

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.7383, 71.4702, 85.3514 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(189, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(189, 227, 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(189, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 227, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 62.7383, 71.4702, 85.3514 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(189, 227, 230) }
```



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

```
.border{ border-color:rgb(189, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(189, 227,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.7383, 71.4702, 85.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 227, 230) }
```

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

```
.background{ background-color: rgb(189,  
227, 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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