

Converting Colors

XYZ(62.6768, 70.2309, 85.1154)

Have a look what the booklet for
XYZ(62.6768, 70.2309, 85.1154)
contains.

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Color

**XYZ(62.6768, 70.2309,
85.1154)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E0E6
RGB	192, 224, 230
RGB Percent	75%, 88%, 90%
CMY	0.2470, 0.1216, 0.0980
CMYK	0.17, 0.03, 0.00, 0.10
HSL	189°, 43%, 83%
HSV	189°, 17%, 90%
XYZ	62.6768, 70.2309, 85.1154
YIQ	215.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

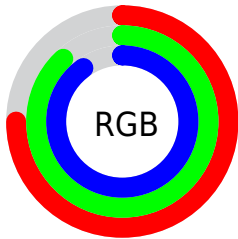
Format	Color
R _Y B	192, 209, 230
Decimal	12640486
CIE Lab	87.11, -9.24, -6.46
CIE LCh	87, 11.272, 214.981
Yxy	70.2309, 0.2875, 0.3221
Android (android.graphics.Color)	4290830566 (0xFFC0E0E6)
YUV	215.1160, 7.3378, -20.2727
Hunter-Lab	83.8039, -13.1569, -1.5552

Details

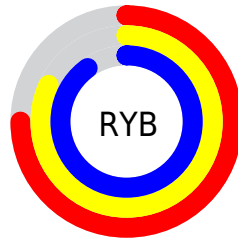
The XYZ color **62.6768, 70.2309, 85.1154** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.3422, 61.0170, 58.3622**, and the grayscale version is **64.6336, 67.9995, 74.0515**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **32.4071, 36.8744, 45.9669** is the 20% darker color. If you saturate the color by 10%, you get **56.3375, 65.5319, 84.5436**, and if you desaturate by 10%, it is **69.9511, 75.4466, 85.7399**.

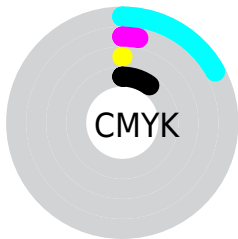
Distribution



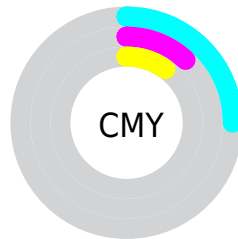
- Red (75%)
- Green (88%)
- Blue (90%)



- Red (75%)
- Yellow (82%)
- Blue (90%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6768, 70.2309, 85.1154 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 62.6768, 70.2309, 85.1154 by changing the saturation by 10% instead.

■ 62.6768, 70.2309,
85.1154

■ 62.6768, 70.2309,
85.1154

424.0739,
461.3603, 532.1644

■ 45.8375, 51.7148,
63.3860

■ 107.7875,
119.5380, 142.4100

■ 32.3217, 36.7778,
45.7106

136.7896,
151.0977, 178.8123

■ 21.7640, 25.0355,
31.6705

170.5767,
187.7742, 220.9427

■ 13.7993, 16.1035,
20.8472

209.5141,
229.9517, 269.2196

■ 8.0619, 9.5974,
12.8222

253.9671,
278.0147, 324.0618

■ 4.1867, 5.1329,
7.1769

304.3012,

■ 1.8083, 2.3254,

332.3475, 385.8876

3.4929

360.8817,
393.3346, 455.1156

■ 0.5227, 0.7871,
1.3515

■ 0.0000, 0.0000,
0.1034

■ 62.6768, 70.2309,
85.1154

■ 62.6768, 70.2309,
85.1154

■ 56.3375, 65.5319,
84.5436

■ 69.9511, 75.4466,
85.7399

■ 50.8847, 61.3187,
84.0178

■ 78.1939, 81.1907,
86.4141

■ 46.2750, 57.5708,
83.5373

■ 85.2011, 86.3293,
87.0367

■ 42.4586, 54.2621,
83.0999

■ 86.2504, 88.4278,
87.3864

■ 39.3804, 51.3641,
82.7027

■ 87.3210, 90.5691,
87.7433

■ 36.9780, 48.8446,
82.3430

■ 88.4131, 92.7532,
88.1073

■ 35.1788, 46.6657,
82.0173

■ 89.5267, 94.9805,
88.4785

■ 33.8908, 44.7798,
81.7212

■ 90.6621, 97.2511,
88.8570

■ 33.5089, 44.1648,
81.6226

■ 91.2831, 98.4933,
89.0640

Harmonies

Analogous

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



61.8193, 70.2309, 77.7393



62.6768, 70.2309, 85.1154



64.6273, 70.2309, 90.4222

Triad

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



62.6768, 70.2309, 85.1154



71.4613, 70.2309, 82.7877



66.3124, 70.2309, 62.8747

Complementary

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



62.6768, 70.2309, 85.1154



62.3422, 61.0170, 58.3622

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.



68.9235, 70.2309, 64.0314



62.6768, 70.2309, 85.1154



71.9411, 70.2309, 75.2136

Square

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



62.6768, 70.2309, 85.1154



69.7067, 70.2309, 89.0174



71.0009, 70.2309, 68.4299



63.8827, 70.2309, 65.1599

Rectangle

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



62.6768, 70.2309, 85.1154



66.3090, 70.2309, 91.8940



71.0009, 70.2309, 68.4299



67.1977, 70.2309, 62.8754

Sweetspot

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



62.6788, 70.2338, 85.1170



89.8753, 96.3844, 108.4749



60.1948, 71.8647, 63.9449



19.0867, 20.5244, 23.2056



0.0000, 0.0000, 0.0000



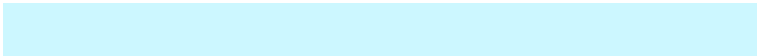
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6788, 70.2338, 85.1170



76.1977, 86.5491, 107.2973



57.9256, 60.7273, 83.5326



14.6036, 15.9286, 18.4492



19.0452, 25.1525, 46.2343



1.4596, 1.9632, 3.4340

Inverse Universe

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



64.9389, 59.9056, 78.6646



79.6139, 71.1581, 97.4951



66.8844, 70.1012, 59.8762



14.8922, 14.5741, 17.6330



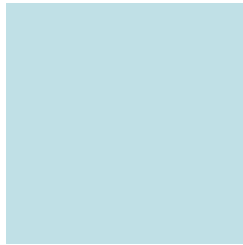
24.0066, 11.7369, 29.9936



1.8004, 0.8779, 2.3554

Previews

White Background



This preview shows how the XYZ color 62.6768, 70.2309, 85.1154 looks on a white background.

Color Contrast Check

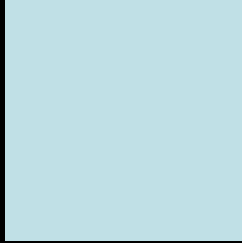
Large Text (above 18pt) WCAG AA × Fail

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 62.6768, 70.2309, 85.1154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

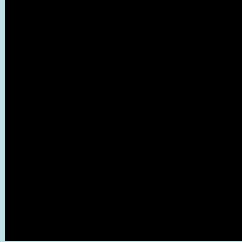
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6768, 70.2309, 85.1154

Background



This preview shows how black text looks on a background with the XYZ color 62.6768, 70.2309, 85.1154.

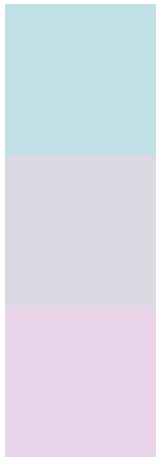


This preview shows how white text looks on a background with the XYZ color 62.6768, 70.2309,

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

62.6768, 70.2309, 85.1154

Protanopia

67.7537, 70.1768, 81.9260

Deuteranopia

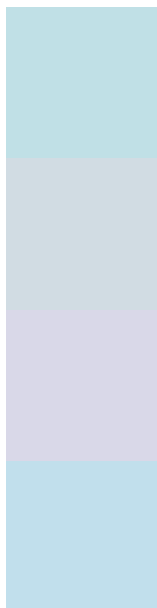
71.2810, 69.6275, 86.7733



Tritanopia

64.0976, 70.0032, 92.5717

Trichromacy



Original Color

62.6768, 70.2309, 85.1154

Protanomaly

65.7528, 70.2878, 82.7744

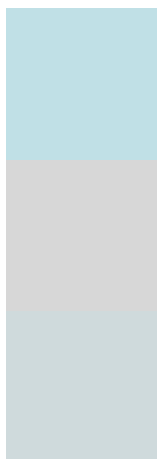
Deuteranomaly

67.7366, 69.6896, 86.2253

Tritanomaly

63.5203, 70.1689, 89.5530

Monochromacy



Original Color

62.6768, 70.2309, 85.1154

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.7218, 68.5755, 77.5880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6768, 70.2309, 85.1154 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(192, 224, 230)` looks like.

```
.text, #text, p{  
    color:rgb(192, 224, 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(192, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 224, 230) }
```

Border

The CSS property to change the border of an element to XYZ 62.6768, 70.2309, 85.1154 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(192, 224, 230) }
```


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

```
.border{ border-color:rgb(192, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(192, 224,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6768, 70.2309, 85.1154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 224, 230) }
```

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

```
.background{ background-color: rgb(192,  
224, 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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