

Converting Colors

XYZ(62.1947, 68.9825, 85.9775)

Have a look what the booklet for
XYZ(62.1947, 68.9825, 85.9775)
contains.

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Color

**XYZ(62.2833, 69.2185,
85.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DEE7
RGB	192, 222, 231
RGB Percent	75%, 87%, 91%
CMY	0.2470, 0.1294, 0.0941
CMYK	0.17, 0.04, 0.00, 0.09
HSL	194°, 45%, 83%
HSV	194°, 17%, 91%
XYZ	62.2833, 69.2185, 85.6791
YIQ	214.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

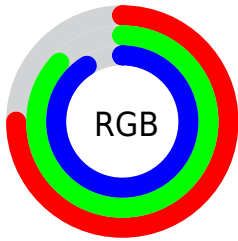
Format	Color
R _{YB}	192, 209, 231
Decimal	12639975
CIE _{Lab}	86.61, -8.00, -7.73
CIE _{LCh}	87, 11.124, 223.995
Yxy	69.2185, 0.2868, 0.3187
Android (android.graphics.Color)	4290830055 (0xFFC0DEE7)
YUV	214.0560, 8.3534, -19.3431
Hunter-Lab	83.1977, -11.9675, -2.8200

Details

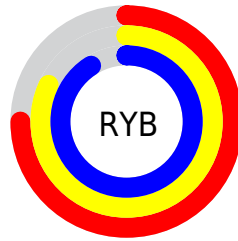
The XYZ color **62.2833, 69.2185, 85.6791** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.3566, 62.5680, 58.6081**, and the grayscale version is **63.9114, 67.2398, 73.2241**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **32.0378, 36.1359, 45.8438** is the 20% darker color. If you saturate the color by 10%, you get **55.4945, 63.6524, 84.9636**, and if you desaturate by 10%, it is **70.0389, 75.3531, 86.4555**.

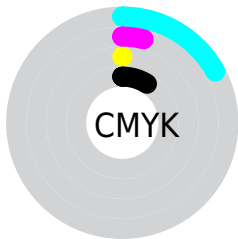
Distribution



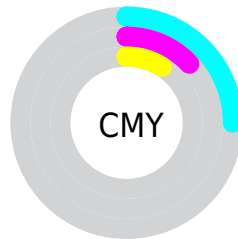
- Red (75%)
- Green (87%)
- Blue (91%)



- Red (75%)
- Yellow (82%)
- Blue (91%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (25%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2833, 69.2185, 85.6791 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 62.2833, 69.2185, 85.6791 by changing the saturation by 10% instead.

■ 62.2833, 69.2185,
85.6791

■ 62.2833, 69.2185,
85.6791

422.6648,
457.8012, 534.0756

■ 45.5181, 50.8897,
63.8493

■ 107.2225,
118.0936, 143.2042

■ 32.0687, 36.1208,
46.0832

136.1272,
149.4087, 179.7365

■ 21.5698, 24.5275,
31.9623

169.8092,
185.8213, 222.0067

■ 13.6560, 15.7254,
21.0682

208.6337,
227.7158, 270.4334

■ 7.9619, 9.3300,
12.9821

252.9662,
275.4767, 325.4351

■ 4.1222, 4.9571,
7.2856

303.1720,

■ 1.7715, 2.2221,

329.4883, 387.4304

3.5602

359.6164,
390.1350, 456.8377

■ 0.5004, 0.7320,
1.3873

■ 0.0000, 0.0000,
0.1318

■ 62.2833, 69.2185,
85.6791

■ 62.2833, 69.2185,
85.6791

■ 55.4945, 63.6524,
84.9636

■ 70.0389, 75.3531,
86.4555

■ 49.6233, 58.6233,
84.3024

■ 78.7955, 82.0689,
87.2903

■ 44.6253, 54.1095,
83.6946

■ 86.2362, 88.1739,
88.0765

■ 40.4496, 50.0843,
83.1377

■ 87.8107, 91.3231,
88.6014

■ 37.0402, 46.5181,
82.6290

■ 89.4316, 94.5648,
89.1417

■ 34.3334, 43.3773,
82.1655

■ 91.0992, 97.9000,
89.6975

■ 32.2547, 40.6231,
81.7434

■ 91.4240, 98.5496,
89.8058

■ 30.7089, 38.2055,
81.3583

■ 30.2869, 37.4953,
81.2434

Harmonies

Analogous

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



61.0902, 69.2185, 78.8576



62.2833, 69.2185, 85.6791



64.4309, 69.2185, 89.8748

Triad

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



62.2833, 69.2185, 85.6791



70.6778, 69.2185, 79.3553



64.5970, 69.2185, 62.3974

Complementary

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



62.2833, 69.2185, 85.6791



63.3566, 62.5680, 58.6081

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.



67.1683, 69.2185, 62.5114



62.2833, 69.2185, 85.6791



70.7251, 69.2185, 71.9813

Square

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



62.2833, 69.2185, 85.6791



69.2985, 69.2185, 86.0639



69.4261, 69.2185, 65.9177



62.4021, 69.2185, 65.5956

Rectangle

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



62.2833, 69.2185, 85.6791



66.1365, 69.2185, 90.4569



69.4261, 69.2185, 65.9177



65.4449, 69.2185, 62.0565

Sweetspot

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



62.2853, 69.2214, 85.6807



89.5826, 95.7992, 108.3773



60.7934, 72.5507, 65.7206



19.0154, 20.3818, 23.1818



0.0000, 0.0000, 0.0000



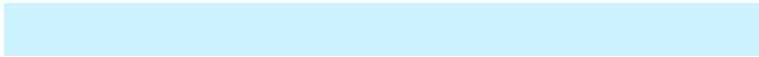
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2853, 69.2214, 85.6807



75.0727, 84.2990, 106.9223



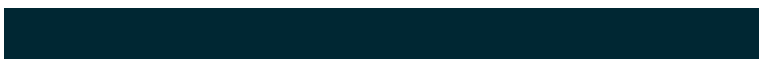
57.5311, 59.7129, 84.0959



14.5108, 15.7429, 18.4182



17.0775, 21.2172, 45.5784



1.3308, 1.7055, 3.3910

Inverse Universe

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



64.9911, 59.9637, 77.2592



79.0460, 70.9310, 94.5047



68.0507, 71.9561, 60.1728



14.8454, 14.5553, 17.3863



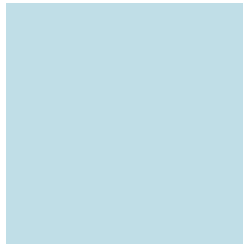
23.0135, 11.3396, 24.7636



1.7353, 0.8519, 2.0129

Previews

White Background



This preview shows how the XYZ color 62.2833, 69.2185, 85.6791 looks on a white background.

Color Contrast Check

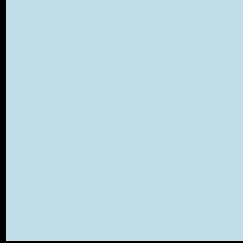
Large Text (above 18pt) WCAG AA × Fail

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 62.2833, 69.2185, 85.6791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

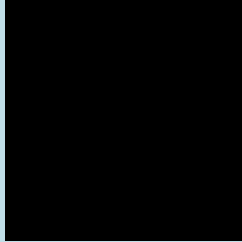
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2833, 69.2185, 85.6791

Background



This preview shows how black text looks on a background with the XYZ color 62.2833, 69.2185, 85.6791.

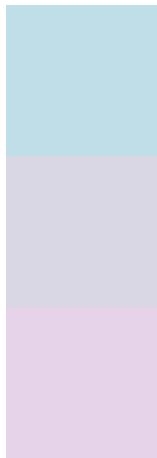


This preview shows how white text looks on a background with the XYZ color 62.2833, 69.2185,

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

62.2833, 69.2185, 85.6791

Protanopia

66.7808, 68.8986, 82.4521

Deuteranopia

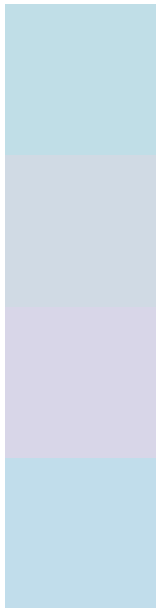
70.3877, 68.7994, 86.6606



Tritanopia

63.2814, 69.2234, 90.9151

Trichromacy



Original Color

62.2833, 69.2185, 85.6791

Protanomaly

65.0874, 69.1541, 83.3164

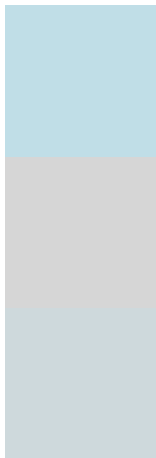
Deuteranomaly

66.9310, 68.5183, 86.0416

Tritanomaly

62.8442, 69.0485, 88.6127

Monochromacy



Original Color

62.2833, 69.2185, 85.6791

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1847, 67.9148, 77.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2833, 69.2185, 85.6791 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, 222, 231)` looks like.

```
.text, #text, p{  
    color:rgb(192, 222, 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(192, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 222, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.2833, 69.2185, 85.6791 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, 222, 231) }
```


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

```
.border{ border-color:rgb(192, 222, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 222, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(192, 222,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2833, 69.2185, 85.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 222, 231) }
```

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

```
.background{ background-color: rgb(192,  
222, 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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