

Converting Colors

XYZ(62.2304, 69.3266, 85.8226)

Have a look what the booklet for
XYZ(62.2304, 69.3266, 85.8226)
contains.

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Color

**XYZ(62.0309, 69.0884,
85.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDEE7
RGB	191, 222, 231
RGB Percent	75%, 87%, 91%
CMY	0.2510, 0.1294, 0.0941
CMYK	0.17, 0.04, 0.00, 0.09
HSL	193°, 45%, 83%
HSV	193°, 17%, 91%
XYZ	62.0309, 69.0884, 85.6673
YIQ	213.7570, -21.3650, -3.7730

Conversions

Conversions Part 2

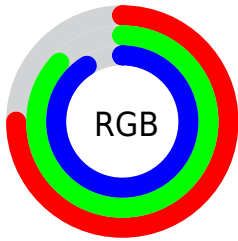
Format	Color
R_{YB}	191, 208, 231
Decimal	12574439
CIE _{Lab}	86.55, -8.31, -7.83
CIE _{LCh}	87, 11.419, 223.283
Yxy	69.0884, 0.2861, 0.3187
Android (android.graphics.Color)	4290764519 (0xFFBFDEE7)
YUV	213.7570, 8.5008, -19.9579
Hunter-Lab	83.1194, -12.2469, -2.9238

Details

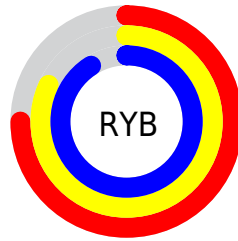
The XYZ color **62.0309, 69.0884, 85.6673** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.0138, 62.0590, 57.9489**, and the grayscale version is **63.7098, 67.0276, 72.9931**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.8731, 36.0509, 45.8361** is the 20% darker color. If you saturate the color by 10%, you get **55.3152, 63.6109, 84.9651**, and if you desaturate by 10%, it is **69.7094, 75.1290, 86.4297**.

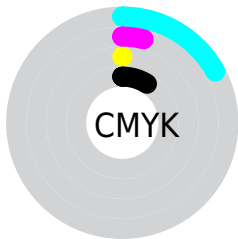
Distribution



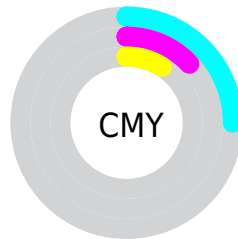
- Red (75%)
- Green (87%)
- Blue (91%)



- 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 62.0309, 69.0884, 85.6673 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 62.0309, 69.0884, 85.6673 by changing the saturation by 10% instead.

■ 62.0309, 69.0884,
85.6673

■ 62.0309, 69.0884,
85.6673

421.7596,
457.3427, 534.0356

■ 45.3134, 50.7837,
63.8396

■ 106.8599,
117.9078, 143.1876

■ 31.9067, 36.0365,
46.0754

135.7020,
149.1914, 179.7172

■ 21.4454, 24.4624,
31.9562

169.3164,
185.5699, 221.9845

■ 13.5643, 15.6770,
21.0635

208.0684,
227.4280, 270.4080

■ 7.8979, 9.2959,
12.9788

252.3234,
275.1499, 325.4064

■ 4.0809, 4.9347,
7.2834

302.4466,

■ 1.7480, 2.2090,

329.1201, 387.3981

3.5588

358.8036,
389.7229, 456.8016

■ 0.4861, 0.7249,
1.3866

■ 0.0000, 0.0000,
0.1312

■ 62.0309, 69.0884,
85.6673

■ 62.0309, 69.0884,
85.6673

■ 55.3152, 63.6109,
84.9651

■ 69.7094, 75.1290,
86.4297

■ 49.5130, 58.6650,
84.3163

■ 78.3850, 81.7456,
87.2495

■ 44.5797, 54.2291,
83.7201

■ 86.1199, 87.9414,
88.0378

■ 40.4644, 50.2764,
83.1740

■ 87.6512, 91.0039,
88.5482

■ 37.1107, 46.7771,
82.6753

■ 89.2264, 94.1544,
89.0733

■ 34.4546, 43.6977,
82.2209

■ 90.8460, 97.3936,
89.6131

■ 32.4211, 40.9989,
81.8072

■ 91.4240, 98.5496,
89.8058

■ 30.9114, 38.6292,
81.4294

■ 30.5527, 38.0271,
81.3321

Harmonies

Analogous

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



60.8369, 69.0884, 78.6243



62.0309, 69.0884, 85.6673



64.2135, 69.0884, 90.0659

Triad

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



62.0309, 69.0884, 85.6673



70.6622, 69.0884, 79.4962



64.5040, 69.0884, 61.9133

Complementary

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



62.0309, 69.0884, 85.6673



63.0138, 62.0590, 57.9489

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.



67.1412, 69.0884, 62.1120



62.0309, 69.0884, 85.6673



70.7451, 69.0884, 71.9261

Square

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



62.0309, 69.0884, 85.6673



69.2178, 69.0884, 86.3424



69.4413, 69.0884, 65.6687



62.2387, 69.0884, 65.1063

Rectangle

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



62.0309, 69.0884, 85.6673



65.9584, 69.0884, 90.7351



69.4413, 69.0884, 65.6687



65.3754, 69.0884, 61.5924

Sweetspot

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



62.0329, 69.0912, 85.6689



89.6058, 95.8454, 108.3850



60.4494, 72.3840, 65.2263



19.0210, 20.3931, 23.1837



0.0000, 0.0000, 0.0000



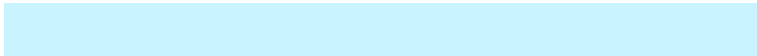
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0329, 69.0912, 85.6689



74.2957, 83.7743, 106.8620



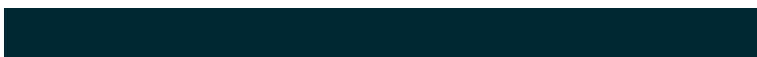
57.1097, 59.2449, 84.0278



14.5181, 15.7576, 18.4207



17.2251, 21.5122, 45.6276



1.3405, 1.7250, 3.3943

Inverse Universe

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



64.7722, 59.5259, 77.1862



78.4026, 69.7118, 94.0820



67.8659, 71.7633, 59.5663



14.8491, 14.5568, 17.4057



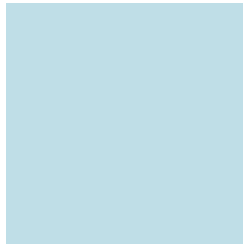
23.0879, 11.3694, 25.1557



1.7403, 0.8538, 2.0388

Previews

White Background



This preview shows how the XYZ color 62.0309, 69.0884, 85.6673 looks on a white background.

Color Contrast Check

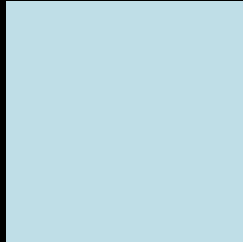
Large Text (above 18pt) WCAG AA × Fail

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 62.0309, 69.0884, 85.6673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

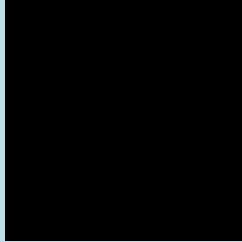
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0309, 69.0884, 85.6673

Background



This preview shows how black text looks on a background with the XYZ color 62.0309, 69.0884, 85.6673.



This preview shows how white text looks on a background with the XYZ color 62.0309, 69.0884,

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

62.0309, 69.0884, 85.6673

Protanopia

66.7808, 68.8986, 82.4521

Deuteranopia

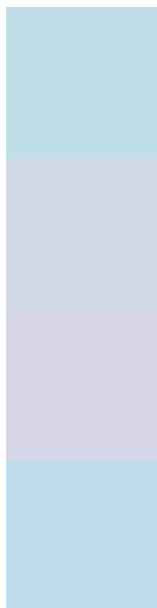
70.0677, 68.6344, 86.6456



Tritanopia

63.0273, 69.0924, 90.9032

Trichromacy



Original Color

62.0309, 69.0884, 85.6673

Protanomaly

65.0874, 69.1541, 83.3164

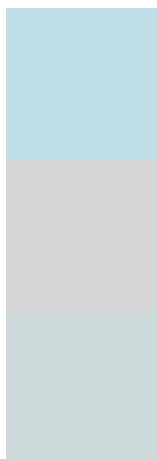
Deuteranomaly

66.6364, 68.3664, 86.0279

Tritanomaly

62.5901, 68.9175, 88.6008

Monochromacy



Original Color

62.0309, 69.0884, 85.6673

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 62.0309, 69.0884, 85.6673 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, 222, 231)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 222, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.0309, 69.0884, 85.6673 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, 222, 231) }
```


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

```
.border{ border-color:rgb(191, 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(191, 222, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(191, 222,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0309, 69.0884, 85.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 222, 231) }
```

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

```
.background{ background-color: rgb(191,  
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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