

Converting Colors

XYZ(63.1398, 71.2164, 89.3909)

Have a look what the booklet for
XYZ(63.1398, 71.2164, 89.3909)
contains.

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Color

**XYZ(62.9308, 71.0822,
89.0007)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE2EB
RGB	188, 226, 235
RGB Percent	74%, 89%, 92%
CMY	0.2627, 0.1137, 0.0784
CMYK	0.20, 0.04, 0.00, 0.08
HSL	191°, 54%, 83%
HSV	191°, 20%, 92%
XYZ	62.9308, 71.0822, 89.0007
YIQ	215.6640, -25.5370, -5.2570

Conversions

Conversions Part 2

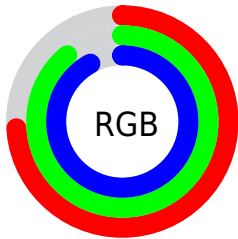
Format	Color
R _{YB}	188, 209, 235
Decimal	12378859
CIE _{Lab}	87.52, -10.44, -8.51
CIE _{LCh}	88, 13.466, 219.188
Yxy	71.0822, 0.2822, 0.3187
Android (android.graphics.Color)	4290568939 (0xFFBCE2EB)
YUV	215.6640, 9.5326, -24.2613
Hunter-Lab	84.3103, -14.3071, -3.5713

Details

The XYZ color **62.9308, 71.0822, 89.0007** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.3050, 61.2258, 56.0597**, and the grayscale version is **64.9930, 68.3777, 74.4634**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **32.5311, 37.4488, 48.1616** is the 20% darker color. If you saturate the color by 10%, you get **56.3996, 65.9248, 88.3506**, and if you desaturate by 10%, it is **70.4409, 76.7956, 89.7088**.

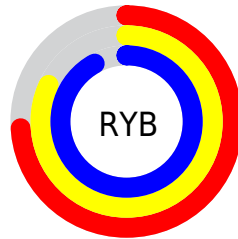
Distribution



Red (74%)

Green (89%)

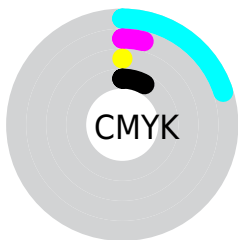
Blue (92%)



Red (74%)

Yellow (82%)

Blue (92%)

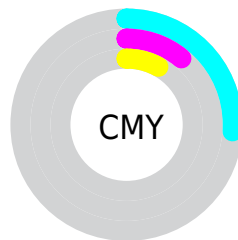


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9308, 71.0822, 89.0007 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 62.9308, 71.0822, 89.0007 by changing the saturation by 10% instead.

62.9308, 71.0822,
89.0007

62.9308, 71.0822,
89.0007

424.9820,
464.3407, 545.2608

46.0437, 52.4093,
66.5831

108.1520,
120.7508, 147.8729

32.4850, 37.3314,
48.2864

137.2169,
152.5152, 185.1646

21.8896, 25.4642,
33.6922

171.0716,
189.4122, 228.2514

13.8919, 16.4232,
22.3818

210.0817,
231.8263, 277.5518

8.1267, 9.8241,
13.9367

254.6124,
280.1418, 333.4844

4.2286, 5.2825,
7.9384

305.0291,

1.8323, 2.4140,

334.7431, 396.4678

3.9683

361.6972,
396.0146, 466.9204

■ 0.5370, 0.8331,
1.6080

■ 0.0000, 0.0000,
0.2965

■ 62.9308, 71.0822,
89.0007

■ 62.9308, 71.0822,
89.0007

■ 56.3996, 65.9248,
88.3506

■ 70.4409, 76.7956,
89.7088

■ 50.7952, 61.2906,
87.7515

■ 78.9664, 83.0786,
90.4722

■ 46.0702, 57.1567,
87.2026

■ 87.2488, 89.2847,
91.2336

■ 42.1702, 53.4946,
86.7013

■ 88.5860, 91.9591,
91.6793

■ 39.0346, 50.2728,
86.2447

■ 89.9563, 94.6996,
92.1361

■ 36.5943, 47.4552,
85.8295

■ 91.3598, 97.5066,
92.6039

■ 34.7669, 44.9991,
85.4517

■ 91.9956, 98.7782,
92.8158

■ 33.4124, 42.8318,
85.1048

■ 33.4123, 42.8316,
85.1047

Harmonies

Analogous

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



61.7016, 71.0822, 80.2271



62.9308, 71.0822, 89.0007



65.4115, 71.0822, 94.9522

Triad

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



62.9308, 71.0822, 89.0007



73.4416, 71.0822, 83.7887



66.5896, 71.0822, 61.3601

Complementary

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



62.9308, 71.0822, 89.0007



63.3050, 61.2258, 56.0597

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.



69.7581, 71.0822, 62.1500



62.9308, 71.0822, 89.0007



73.7811, 71.0822, 74.6331

Square

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



62.9308, 71.0822, 89.0007



71.5004, 71.0822, 91.7829



72.4140, 71.0822, 66.8474



63.7700, 71.0822, 64.5978

Rectangle

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



62.9308, 71.0822, 89.0007



67.4748, 71.0822, 96.2661



72.4140, 71.0822, 66.8474



67.6483, 71.0822, 61.1693

Sweetspot

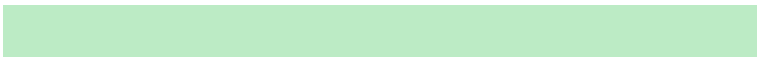
The Sweet Spot groups the original color and five complimentary colors.



62.9329, 71.0851, 89.0023



88.7161, 95.3583, 108.3379



60.4829, 74.1230, 63.7142



18.8472, 20.3057, 23.1760



0.0000, 0.0000, 0.0000



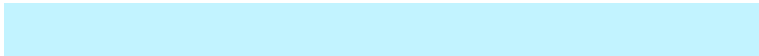
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9329, 71.0851, 89.0023



72.3826, 82.9344, 106.8007



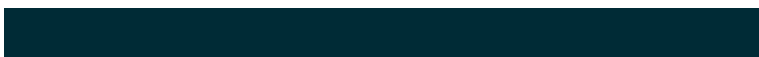
57.0643, 59.3478, 87.0461



15.2584, 16.6032, 19.3228



18.6849, 24.0169, 47.3939



1.5301, 2.0117, 3.7425

Inverse Universe

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



65.9733, 59.1212, 79.8891



76.7080, 66.2429, 93.7626



68.9632, 72.5420, 57.9457



15.5840, 15.2614, 18.3605



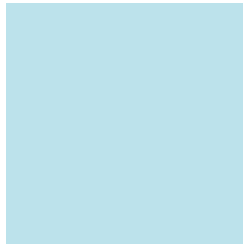
24.2866, 11.9173, 28.3743



1.9388, 0.9485, 2.3952

Previews

White Background



This preview shows how the XYZ color 62.9308, 71.0822, 89.0007 looks on a white background.

Color Contrast Check

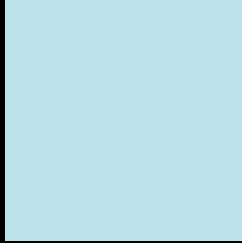
Large Text (above 18pt) WCAG AA × Fail

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 62.9308, 71.0822, 89.0007 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

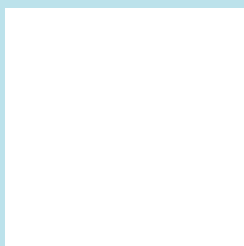
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9308, 71.0822, 89.0007

Background



This preview shows how black text looks on a background with the XYZ color 62.9308, 71.0822, 89.0007.

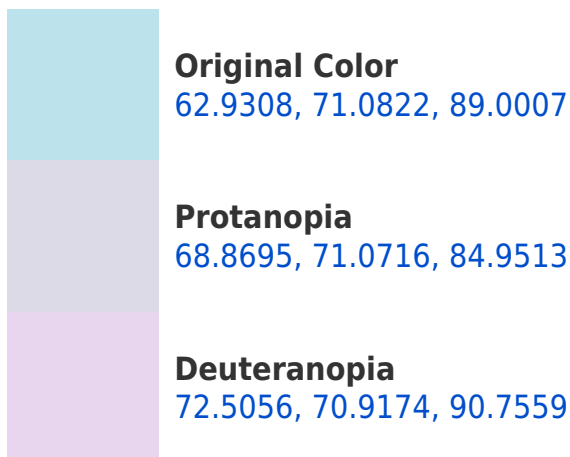


This preview shows how white text looks on a background with the XYZ color 62.9308, 71.0822,

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





Tritanopia

64.3381, 71.2686, 95.1593

Trichromacy



Original Color

62.9308, 71.0822, 89.0007

Protanomaly

66.4344, 70.9490, 86.5370

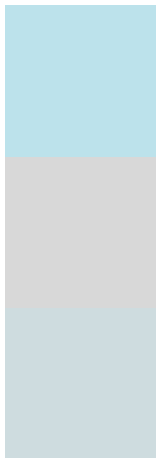
Deuteranomaly

68.6764, 70.8562, 90.1777

Tritanomaly

63.6397, 70.9605, 92.7807

Monochromacy



Original Color

62.9308, 71.0822, 89.0007

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.3661, 69.6359, 79.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9308, 71.0822, 89.0007 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(188, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 226, 235)  
}
```

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(188, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 226, 235) }
```

Border

The CSS property to change the border of an element to XYZ 62.9308, 71.0822, 89.0007 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(188, 226, 235) }
```


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

```
.border{ border-color:rgb(188, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 226,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9308, 71.0822, 89.0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 226, 235) }
```

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

```
.background{ background-color: rgb(188,  
226, 235) }
```

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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