

Converting Colors

XYZ(62.8693, 69.8439, 92.1171)

Have a look what the booklet for
XYZ(62.8693, 69.8439, 92.1171)
contains.

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Color

**XYZ(62.7067, 69.6987,
91.8096)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDFEF
RGB	188, 223, 239
RGB Percent	74%, 87%, 94%
CMY	0.2627, 0.1255, 0.0627
CMYK	0.21, 0.07, 0.00, 0.06
HSL	199°, 61%, 84%
HSV	199°, 21%, 94%
XYZ	62.7067, 69.6987, 91.8096
YIQ	214.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

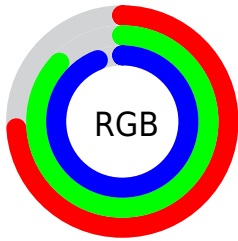
Format	Color
R _Y B	188, 209, 239
Decimal	12378095
CIE Lab	86.85, -8.04, -11.62
CIE LCh	87, 14.132, 235.319
Yxy	69.6987, 0.2797, 0.3109
Android (android.graphics.Color)	4290568175 (0xFFBCDFEF)
YUV	214.3590, 12.1480, -23.1168
Hunter-Lab	83.4857, -12.0275, -6.7614

Details

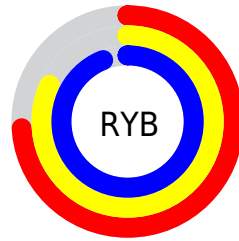
The XYZ color **62.7067, 69.6987, 91.8096** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66.2673, 65.1675, 56.6644**, and the grayscale version is **64.0932, 67.4310, 73.4324**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **32.3814, 36.4925, 50.1368** is the 20% darker color. If you saturate the color by 10%, you get **55.3411, 62.9953, 90.9051**, and if you desaturate by 10%, it is **71.1401, 77.0878, 92.7925**.

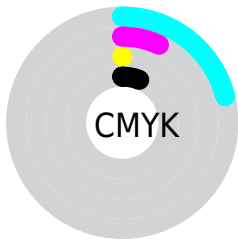
Distribution



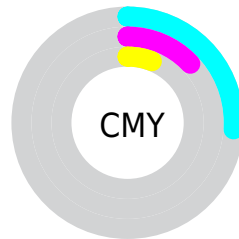
- Red (74%)
- Green (87%)
- Blue (94%)



- Red (74%)
- Yellow (82%)
- Blue (94%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (26%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7067, 69.6987, 91.8096 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 62.7067, 69.6987, 91.8096 by changing the saturation by 10% instead.

■ 62.7067, 69.6987,
91.8096

■ 62.7067, 69.6987,
91.8096

424.1809,
459.4914, 554.6213

■ 45.8617, 51.2809,
68.9003

■ 107.8304,
118.7790, 151.8069

■ 32.3409, 36.4322,
50.1593

136.8399,
150.2103, 189.7320

■ 21.7788, 24.7682,
35.1679

170.6350,
186.7482, 233.4995

■ 13.8102, 15.9044,
23.5077

209.5809,
228.7772, 283.5278

■ 8.0696, 9.4566,
14.7600

254.0431,
276.6816, 340.2357

■ 4.1917, 5.0402,
8.5064

304.3869,

■ 1.8111, 2.2708,

330.8459, 404.0415

4.3283

360.9777,
391.6543, 475.3638

■ 0.5244, 0.7582,
1.8071

■ 0.0000, 0.0000,
0.4326

■ 62.7067, 69.6987,
91.8096

■ 62.7067, 69.6987,
91.8096

■ 55.3411, 62.9953,
90.9051

■ 71.1401, 77.0878,
92.7925

■ 48.9881, 56.9421,
90.0715

■ 80.6809, 85.1793,
93.8514

■ 43.5964, 51.5128,
89.3077

■ 89.6226, 93.0969,
94.9084

■ 39.1079, 46.6756,
88.6106

■ 91.9430, 97.7376,
95.6819

■ 35.4573, 42.3951,
87.9768

■ 92.5802, 99.0121,
95.8943

■ 32.5700, 38.6311,
87.4025

■ 30.3568, 35.3355,
86.8830

■ 28.8616, 32.7948,
86.4714

Harmonies

Analogous

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



60.6832, 69.6987, 83.9170



62.7067, 69.6987, 91.8096



65.7309, 69.6987, 95.4478

Triad

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



62.7067, 69.6987, 91.8096



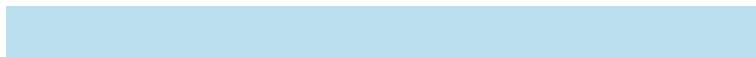
72.7635, 69.6987, 77.3803



63.5739, 69.6987, 60.6422

Complementary

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



62.7067, 69.6987, 91.8096



66.2673, 65.1675, 56.6644

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.



66.7648, 69.6987, 59.2049



62.7067, 69.6987, 91.8096



72.1399, 69.6987, 68.3920

Square

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



62.7067, 69.6987, 91.8096



71.5941, 69.6987, 86.6892



69.9171, 69.6987, 61.9261



61.1721, 69.6987, 66.0272

Rectangle

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



62.7067, 69.6987, 91.8096



67.9344, 69.6987, 94.7687



69.9171, 69.6987, 61.9261



64.5868, 69.6987, 59.7014

Sweetspot

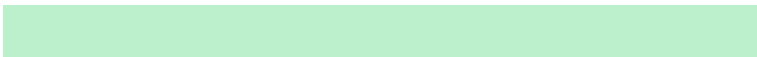
The Sweet Spot groups the original color and five complimentary colors.



62.7088, 69.7015, 91.8112



88.1314, 94.1889, 108.1430



62.4222, 76.7518, 68.2136



18.7087, 20.0288, 23.1298



0.0000, 0.0000, 0.0000



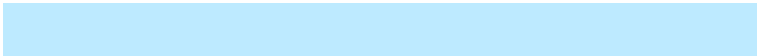
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7088, 69.7015, 91.8112



68.4427, 76.9620, 105.8556



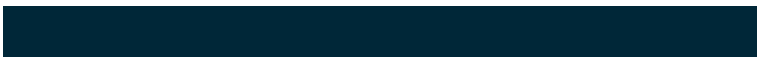
56.5603, 57.4046, 89.7617



15.8048, 17.0438, 20.1784



16.0719, 18.3681, 47.8262



1.4256, 1.7051, 4.0082

Inverse Universe

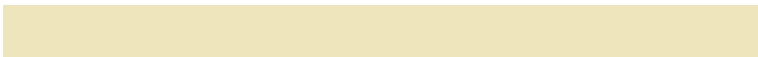
The Inverse Universe completely reimagines the original color for something new.



66.9008, 59.6465, 77.8021



74.2537, 63.4785, 86.3342



72.6390, 77.9109, 58.7883



16.2309, 15.9421, 18.7723



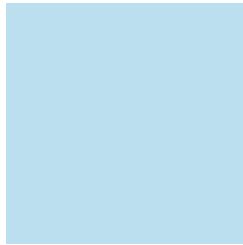
23.4380, 11.6476, 20.7547



1.9945, 0.9868, 1.9619

Previews

White Background



This preview shows how the XYZ color 62.7067, 69.6987, 91.8096 looks on a white background.

Color Contrast Check

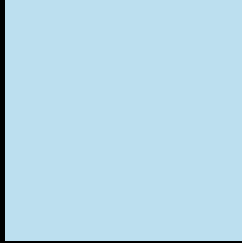
Large Text (above 18pt) WCAG AA × Fail

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 62.7067, 69.6987, 91.8096 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 62.7067, 69.6987, 91.8096

Background



This preview shows how black text looks on a background with the XYZ color 62.7067, 69.6987, 91.8096.

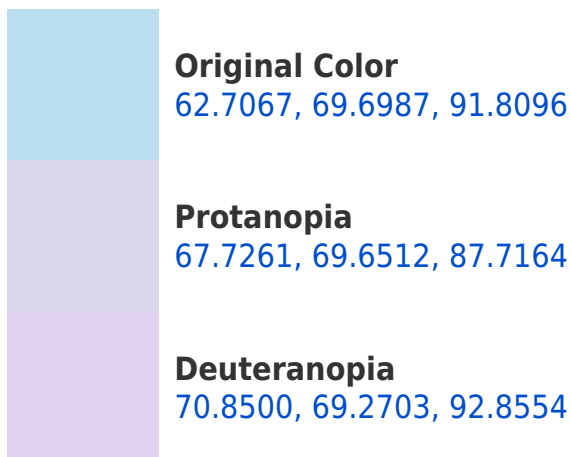


This preview shows how white text looks on a background with the XYZ color 62.7067, 69.6987,

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

63.0039, 69.8176, 93.3746

Trichromacy



Original Color

62.7067, 69.6987, 91.8096

Protanomaly

65.9254, 69.8410, 89.3629

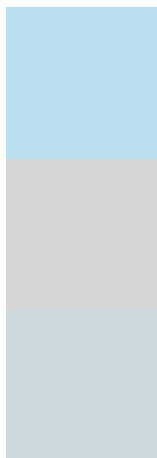
Deuteranomaly

67.4692, 69.0383, 92.2078

Tritanomaly

62.8549, 69.7580, 92.5899

Monochromacy



Original Color

62.7067, 69.6987, 91.8096

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3090, 67.9326, 79.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7067, 69.6987, 91.8096 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, 223, 239)` looks like.

```
.text, #text, p{  
    color:rgb(188, 223, 239)  
}
```

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, 223, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 223, 239) }
```

Border

The CSS property to change the border of an element to XYZ 62.7067, 69.6987, 91.8096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

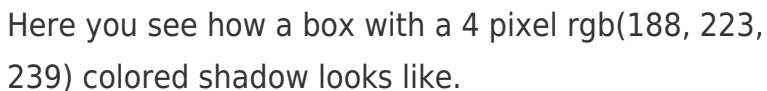
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 223, 239) }
```


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

```
.border{ border-color:rgb(188, 223, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 223, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 223, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 223, 239); box-shadow:4px 4px 4px 4px rgb(188, 223, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7067, 69.6987, 91.8096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 223, 239) }
```

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

```
.background{ background-color: rgb(188,  
223, 239) }
```

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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