

# Converting Colors

XYZ(60.9390, 67.9457, 93.9078)

Have a look what the booklet for  
XYZ(60.9390, 67.9457, 93.9078)  
contains.

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# Color

**XYZ(60.9395, 67.9475,  
93.9077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5DDF2
RGB	181, 221, 242
RGB Percent	71%, 87%, 95%
CMY	0.2902, 0.1333, 0.0510
CMYK	0.25, 0.09, 0.00, 0.05
HSL	201°, 70%, 83%
HSV	201°, 25%, 95%
XYZ	60.9395, 67.9475, 93.9077
YIQ	211.4340, -30.5810, -1.9490

# Conversions

## Conversions Part 2

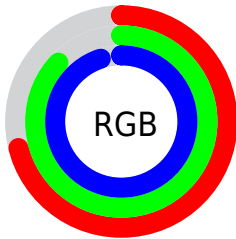
Format	Color
R <sub>YB</sub>	181, 205, 242
Decimal	11918834
CIE Lab	85.98, -8.42, -14.55
CIE LCh	86, 16.811, 239.924
Yxy	67.9475, 0.2735, 0.3050
Android (android.graphics.Color)	4290108914 (0xFFB5DDF2)
YUV	211.4340, 15.0690, -26.6906
Hunter-Lab	82.4303, -12.2905, -9.8442

# Details

The XYZ color **60.9395, 67.9475, 93.9077** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66.0797, 64.4547, 52.6758**, and the grayscale version is **62.1234, 65.3587, 71.1756**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **31.2515, 35.3296, 51.6265** is the 20% darker color. If you saturate the color by 10%, you get **53.6058, 60.9840, 92.9513**, and if you desaturate by 10%, it is **69.3721, 75.6429, 94.9497**.

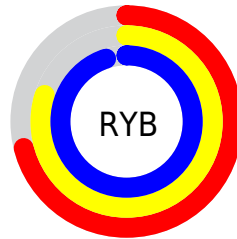
# Distribution



Red (71%)

Green (87%)

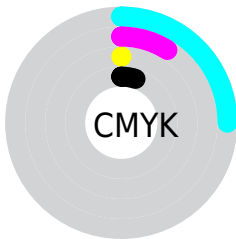
Blue (95%)



Red (71%)

Yellow (80%)

Blue (95%)

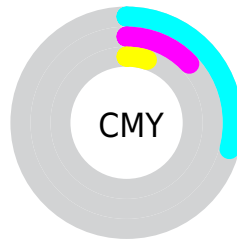


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (13%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9395, 67.9475, 93.9077 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 60.9395, 67.9475, 93.9077 by changing the saturation by 10% instead.



■ 60.9395, 67.9475,  
93.9077

■ 60.9395, 67.9475,  
93.9077

417.8316,  
453.3100, 561.5569

■ 44.4287, 49.8550,  
70.6343

■ 105.2899,  
116.2770, 154.7373

■ 31.2070, 35.2982,  
51.5638

133.8603,  
147.2829, 193.1305

■ 20.9091, 23.8927,  
36.2777

167.1812,  
183.3620, 237.4008

■ 13.1697, 15.2540,  
24.3574

205.6180,  
224.8987, 287.9667

■ 7.6233, 8.9979,  
15.3843

249.5361,  
272.2775, 345.2467

■ 3.9046, 4.7398,  
8.9399

299.3009,

■ 1.6483, 2.0954,

325.8827, 409.6594

4.6057

355.2776,  
386.0987, 481.6233

■ 0.4236, 0.6620,  
1.9632

■ 0.0000, 0.0000,  
0.5325

■ 60.9395, 67.9475,  
93.9077

■ 60.9395, 67.9475,  
93.9077

■ 53.6058, 60.9840,  
92.9513

■ 69.3721, 75.6429,  
94.9497

■ 47.3122, 54.7146,  
92.0729

■ 78.9461, 84.0893,  
96.0755

■ 42.0037, 49.1105,  
91.2709

■ 89.7094, 93.3154,  
97.2890

■ 37.6172, 44.1365,  
90.5421

■ 92.8123, 98.7611,  
98.1766

■ 34.0819, 39.7538,  
89.8824

■ 93.0272, 99.1909,  
98.2482

■ 31.3152, 35.9171,  
89.2877

■ 29.2161, 32.5718,  
88.7526

■ 28.3738, 31.1040,  
88.5137

# Harmonies

## Analogous

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



58.3708, 67.9475, 85.0819



60.9395, 67.9475, 93.9077



64.5722, 67.9475, 97.2971

# Triad

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



60.9395, 67.9475, 93.9077



72.2785, 67.9475, 74.0114



60.9559, 67.9475, 57.0738

# Complementary

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



60.9395, 67.9475, 93.9077



66.0797, 64.4547, 52.6758

# 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.



64.5919, 67.9475, 54.7272



60.9395, 67.9475, 93.9077



71.2190, 67.9475, 63.8944

# Square

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



60.9395, 67.9475, 93.9077



71.2085, 67.9475, 85.1355



68.3670, 67.9475, 57.0974



58.3800, 67.9475, 63.8501



# Rectangle

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



60.9395, 67.9475, 93.9077



67.1401, 67.9475, 95.7804



68.3670, 67.9475, 57.0974



62.0899, 67.9475, 55.7726

# Sweetspot

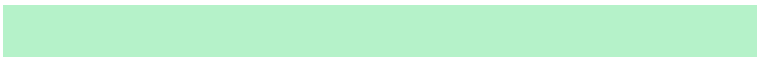
The Sweet Spot groups the original color and five complimentary colors.



60.9416, 67.9502, 93.9093



85.7396, 91.9354, 107.8341



61.3914, 77.5620, 67.2009



17.9976, 19.3668, 23.0395



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

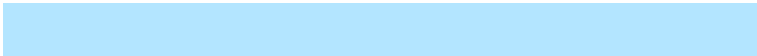


# Same Dimension

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



60.9416, 67.9502, 93.9093



64.4524, 72.5989, 105.2237



53.7516, 53.5704, 91.5126



15.7627, 16.9595, 20.1643



15.3747, 16.9736, 47.5938



1.3713, 1.5966, 3.9901



# Inverse Universe

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



66.1946, 57.1471, 75.9514



71.3565, 58.9387, 81.5007



73.7694, 79.8342, 55.2390



16.2097, 15.9336, 18.6603



23.0860, 11.5068, 18.9015

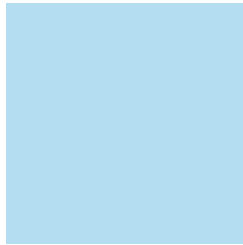


1.9671, 0.9759, 1.8177



# Previews

## White Background



This preview shows how the XYZ color 60.9395, 67.9475, 93.9077 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

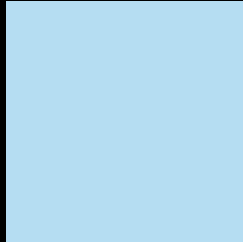
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.9395, 67.9475, 93.9077 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

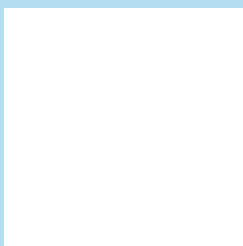
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.9395, 67.9475, 93.9077**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.9395, 67.9475, 93.9077.



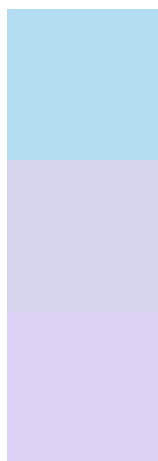
This preview shows how white text looks on a background with the XYZ color 60.9395, 67.9475,



# 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

60.9395, 67.9475, 93.9077

### Protanopia

66.2317, 67.7000, 89.6974

### Deuteranopia

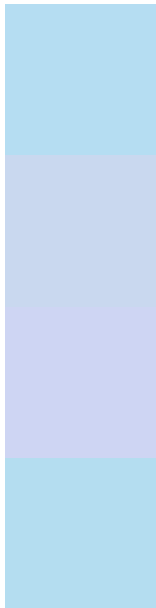
68.9484, 67.5047, 94.9837



## **Tritanopia**

60.2588, 67.6482, 91.5428

# Trichromacy



## Original Color

60.9395, 67.9475, 93.9077

## Protanomaly

64.2232, 67.7612, 91.3557

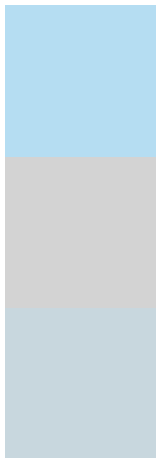
## Deuteranomaly

65.4255, 67.1814, 94.3130

## Tritanomaly

60.4070, 67.7075, 92.3231

# Monochromacy



## Original Color

60.9395, 67.9475, 93.9077

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.3047, 66.1542, 78.6452

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.9395, 67.9475, 93.9077 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(181, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(181, 221, 242)  
}
```

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(181, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 221, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 60.9395, 67.9475, 93.9077 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(181, 221, 242) }
```



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

```
.border{ border-color:rgb(181, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(181, 221,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.9395, 67.9475, 93.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 221, 242) }
```

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

```
.background{ background-color: rgb(181,  
221, 242) }
```

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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