

# Converting Colors

XYZ(69.2982, 79.3312, 92.5503)

Have a look what the booklet for  
XYZ(69.2982, 79.3312, 92.5503)  
contains.

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# Color

**XYZ(69.2959, 79.3279,  
92.5485)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6EEEE
RGB	198, 238, 238
RGB Percent	78%, 93%, 93%
CMY	0.2235, 0.0666, 0.0667
CMYK	0.17, 0.00, 0.00, 0.07
HSL	180°, 54%, 85%
HSV	180°, 17%, 93%
XYZ	69.2959, 79.3279, 92.5485
YIQ	226.0400, -23.8400, -8.4800

# Conversions

## Conversions Part 2

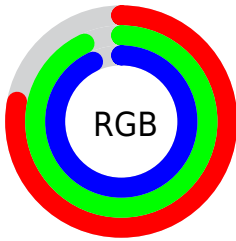
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 218, 238
Decimal	13037294
CIE Lab	91.38, -12.84, -4.31
CIE LCh	91, 13.545, 198.554
Yxy	79.3279, 0.2873, 0.3289
Android (android.graphics.Color)	4291227374 (0xFFC6EEEE)
YUV	226.0400, 5.8963, -24.5911
Hunter-Lab	89.0662, -16.9881, 0.7382

# Details

The XYZ color **69.2959, 79.3279, 92.5485** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6499, 62.6448, 62.0611**, and the grayscale version is **72.2906, 76.0554, 82.8243**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6730, 42.7626, 50.5771** is the 20% darker color. If you saturate the color by 10%, you get **63.5092, 76.3468, 92.2779**, and if you desaturate by 10%, it is **76.0730, 82.8237, 92.8688**.

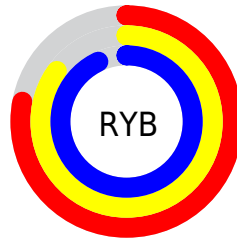
# Distribution



Red (78%)

Green (93%)

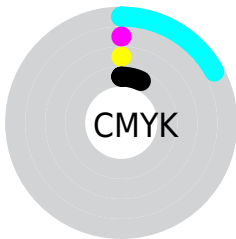
Blue (93%)



Red (78%)

Yellow (85%)

Blue (93%)

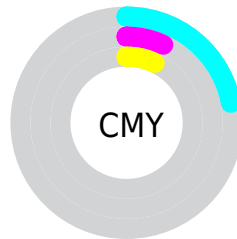


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (7%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2959, 79.3279, 92.5485 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 69.2959, 79.3279, 92.5485 by changing the saturation by 10% instead.



69.2959, 79.3279,  
92.5485

69.2959, 79.3279,  
92.5485

447.3790,  
492.6649, 557.0692

51.2302, 59.1654,  
69.5107

117.2359,  
132.4204, 152.8397

36.6137, 42.7463,  
50.6534

147.8409,  
166.1192, 190.9301

25.0808, 29.6861,  
35.5580

183.3564,  
205.0989, 234.8752

16.2663, 19.6005,  
23.8061

224.1478,  
249.7439, 285.0935

9.8049, 12.1050,  
14.9790

270.5804,  
300.4386, 342.0035

5.3310, 6.8152,  
8.6582

323.0195,

2.4795, 3.3468,

357.5675, 406.0237

4.4251

381.8306,  
421.5147, 477.5728

■ 0.8849, 1.3154,  
1.8614

■ 0.0000, 0.1530,  
0.4680

■ 69.2959, 79.3279,  
92.5485

■ 69.2959, 79.3279,  
92.5485

■ 63.5092, 76.3468,  
92.2779

■ 76.0730, 82.8237,  
92.8688

■ 58.6600, 73.8470,  
92.0495


■ 83.8765, 86.8465,  
93.2354


■ 54.7011, 71.8062,  
91.8628

■ 87.2497, 88.5854,  
93.3947


■ 51.5784, 70.1964,  
91.7152


■ 87.2499, 88.5855,  
93.3962


 49.2319, 68.9868,  
91.6039


 87.2502, 88.5856,  
93.3977


 47.5937, 68.1423,  
91.5258


 87.2505, 88.5857,  
93.3991

 46.5841, 67.6218,  
91.4771

 87.2508, 88.5858,  
93.4006

 46.1017, 67.3732,  
91.4531

 87.2510, 88.5860,  
93.4021

 46.0065, 67.3241,  
91.4482

 87.2513, 88.5861,  
93.4035

# Harmonies

## Analogous

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



69.0953, 79.3279, 82.6670



69.2959, 79.3279, 92.5485



71.1016, 79.3279, 101.3784

# Triad

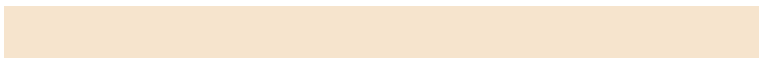
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2959, 79.3279, 92.5485



80.4703, 79.3279, 99.5403



76.7200, 79.3279, 69.0945

# Complementary

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



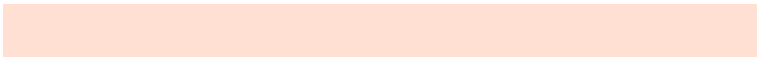
69.2959, 79.3279, 92.5485



65.6499, 62.6448, 62.0611

# 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.



79.8657, 79.3279, 72.9293



69.2959, 79.3279, 92.5485



82.0745, 79.3279, 90.1914

# Square

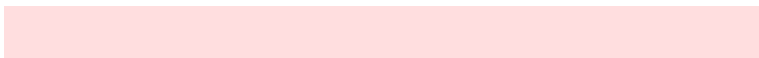
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2959, 79.3279, 92.5485



77.5248, 79.3279, 105.6221



81.8499, 79.3279, 80.4816



73.3120, 79.3279, 69.6201

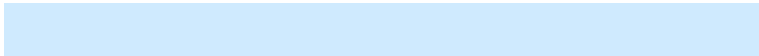


# Rectangle

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



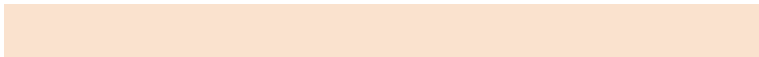
69.2959, 79.3279, 92.5485



73.0044, 79.3279, 105.2485



81.8499, 79.3279, 80.4816



77.8450, 79.3279, 69.9038

# Sweetspot

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



69.2982, 79.3312, 92.5503



90.5137, 97.6614, 108.6869



64.2348, 77.3262, 64.9675



19.2425, 20.8359, 23.2573



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.



69.2982, 79.3312, 92.5503



78.7112, 91.5771, 108.1320



63.9683, 68.6707, 90.7760



16.2474, 17.9290, 20.3256



25.6658, 37.5584, 51.0166



2.1352, 3.1245, 4.2442



# Inverse Universe

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



65.6499, 62.6448, 62.0611



73.7324, 68.8056, 66.5240



70.3547, 72.0549, 63.6275



15.7729, 15.7589, 16.3604



19.6716, 10.1410, 0.9210

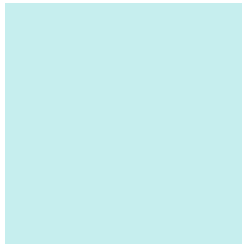


1.6365, 0.8436, 0.0767



# Previews

## White Background



This preview shows how the XYZ color 69.2959, 79.3279, 92.5485 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

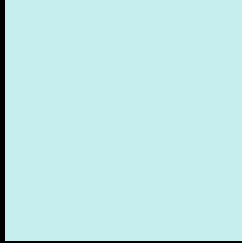
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.2959, 79.3279, 92.5485 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

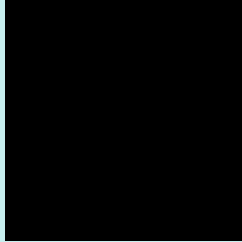
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 69.2959, 79.3279, 92.5485**

## **Background**



This preview shows how black text looks on a background with the XYZ color 69.2959, 79.3279, 92.5485.



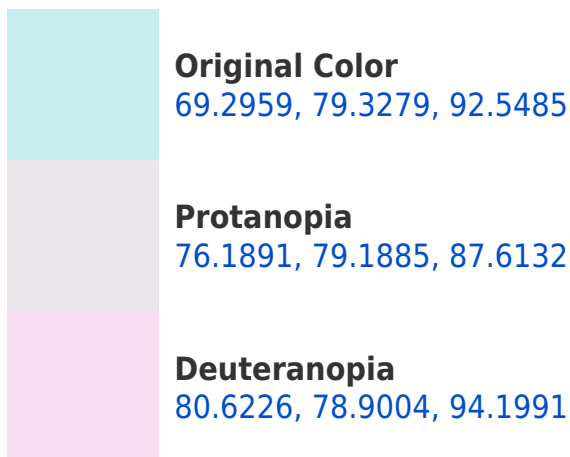
This preview shows how white text looks on a background with the XYZ color 69.2959, 79.3279,



# 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

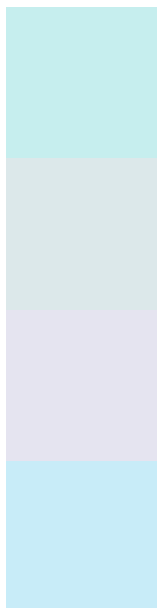




## Tritanopia

71.6851, 78.9899, 105.2343

# Trichromacy



## Original Color

69.2959, 79.3279, 92.5485

## Protanomaly

73.2231, 78.8694, 89.2059

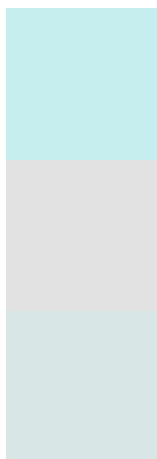
## Deuteranomaly

75.7847, 78.4361, 93.5835

## Tritanomaly

70.7581, 79.0476, 100.3353

# Monochromacy



## Original Color

69.2959, 79.3279, 92.5485

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

70.8986, 76.9057, 85.9704

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.2959, 79.3279, 92.5485 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(198, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 238, 238)  
}
```

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(198, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 238, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 69.2959, 79.3279, 92.5485 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(198, 238, 238) }
```



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

```
.border{ border-color:rgb(198, 238, 238) }
```

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

Here you see how a box with a 4 pixel rgb(198, 238, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(198, 238,  
238) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.2959, 79.3279, 92.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 238, 238) }
```

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

```
.background{ background-color: rgb(198,  
238, 238) }
```

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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