

Converting Colors

XYZ(63.3154, 69.7594, 79.3748)

Have a look what the booklet for
XYZ(63.3154, 69.7594, 79.3748)
contains.

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Color

**XYZ(63.3935, 69.9340,
79.2647)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DEDE
RGB	201, 222, 222
RGB Percent	79%, 87%, 87%
CMY	0.2118, 0.1294, 0.1294
CMYK	0.09, 0.00, 0.00, 0.13
HSL	180°, 24%, 83%
HSV	180°, 9%, 87%
XYZ	63.3935, 69.9340, 79.2647
YIQ	215.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

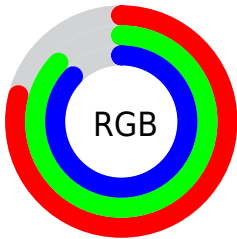
Format	Color
R _Y B	201, 212, 222
Decimal	13229790
CIE Lab	86.96, -6.96, -2.39
CIE LCh	87, 7.355, 198.970
Yxy	69.9340, 0.2982, 0.3290
Android (android.graphics.Color)	4291419870 (0xFFC9DEDE)
YUV	215.7210, 3.0955, -12.9103
Hunter-Lab	83.6266, -11.0337, 2.3411

Details

The XYZ color **63.3935, 69.9340, 79.2647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5560, 61.5218, 63.8921**, and the grayscale version is **65.0678, 68.4564, 74.5490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8264, 36.6305, 41.8995** is the 20% darker color. If you saturate the color by 10%, you get **57.8517, 67.0790, 79.0044**, and if you desaturate by 10%, it is **69.8019, 73.2395, 79.5685**.

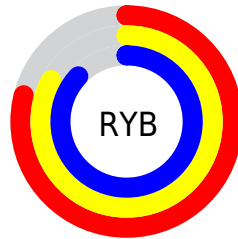
Distribution



Red (79%)

Green (87%)

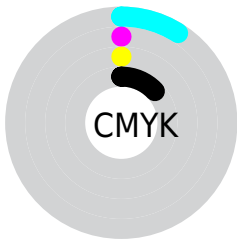
Blue (87%)



Red (79%)

Yellow (83%)

Blue (87%)

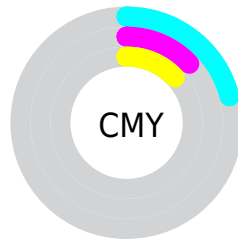


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (21%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3935, 69.9340, 79.2647 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 63.3935, 69.9340, 79.2647 by changing the saturation by 10% instead.

■ 63.3935, 69.9340,
79.2647

■ 63.3935, 69.9340,
79.2647

426.6332,
460.3182, 512.0926

■ 46.4195, 51.4727,
58.5909

108.8156,
119.1146, 134.1335

■ 32.7830, 36.5850,
41.8660

137.9945,
150.6028, 169.1655

■ 22.1187, 24.8863,
28.6716

171.9722,
187.2020, 209.8207

■ 14.0612, 15.9924,
18.5891

211.1144,
229.2967, 256.5175

■ 8.2452, 9.5188,
11.2000

255.7861,
277.2713, 309.6746

■ 4.3054, 5.0811,
6.0856

306.3530,

■ 1.8763, 2.2949,

331.5102, 369.7105

2.8276

363.1802,
392.3977, 437.0436

■ 0.5630, 0.7710,
1.0073

■ 0.0000, 0.0000,
0.0000

■ 63.3935, 69.9340,
79.2647

■ 63.3935, 69.9340,
79.2647

■ 57.8517, 67.0790,
79.0044

■ 69.8019, 73.2395,
79.5685

■ 53.1336, 64.6468,
78.7811

■ 77.1054, 77.0046,
79.9127


■ 49.2017, 62.6199,
78.5947


■ 80.5490, 78.7797,
80.0763


■ 46.0133, 60.9763,
78.4430

■ 80.5495, 78.7799,
80.0788


 43.5217, 59.6919,
78.3240


 80.5499, 78.7801,
80.0813


 41.6747, 58.7398,
78.2351


 80.5504, 78.7803,
80.0837


 40.4130, 58.0894,
78.1736

 80.5509, 78.7805,
80.0862

 39.6664, 57.7046,
78.1362

 80.5514, 78.7807,
80.0887

 39.3184, 57.5252,
78.1175

 80.5518, 78.7809,
80.0911

Harmonies

Analogous

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



63.2788, 69.9340, 74.3497



63.3935, 69.9340, 79.2647



64.3242, 69.9340, 83.5118

Triad

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



63.3935, 69.9340, 79.2647



68.9946, 69.9340, 82.5301



67.1045, 69.9340, 67.2288

Complementary

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



63.3935, 69.9340, 79.2647



61.5560, 61.5218, 63.8921

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.



68.6634, 69.9340, 69.2270



63.3935, 69.9340, 79.2647



69.7671, 69.9340, 77.9715

Square

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



63.3935, 69.9340, 79.2647



67.5503, 69.9340, 85.4524



69.6448, 69.9340, 73.1107



65.4016, 69.9340, 67.5415

Rectangle

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



63.3935, 69.9340, 79.2647



65.2912, 69.9340, 85.3268



69.6448, 69.9340, 73.1107



67.6632, 69.9340, 67.6490

Sweetspot

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



63.3955, 69.9369, 79.2663



92.2911, 98.5778, 108.7699



60.8475, 68.9286, 65.3570



19.6003, 21.0204, 23.2740



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.



63.3955, 69.9369, 79.2663



85.4721, 95.0625, 108.4481



60.7802, 64.7057, 78.3967



14.1165, 15.5723, 17.6489



23.3443, 34.1626, 46.3977



1.6181, 2.3680, 3.2162

Inverse Universe

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



61.5560, 61.5218, 63.8921



82.5542, 81.7144, 84.0614



64.0009, 66.4123, 64.7051



13.7074, 13.7006, 14.2293



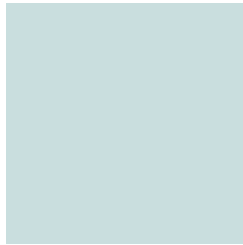
17.8933, 9.2243, 0.8382



1.2403, 0.6394, 0.0583

Previews

White Background



This preview shows how the XYZ color 63.3935, 69.9340, 79.2647 looks on a white background.

Color Contrast Check

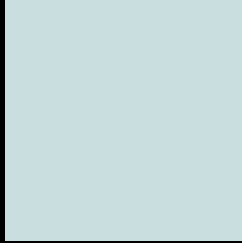
Large Text (above 18pt) WCAG AA × Fail

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 63.3935, 69.9340, 79.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

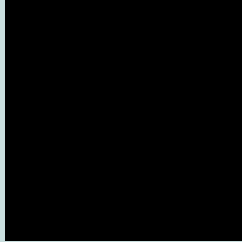
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

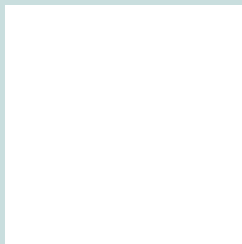
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3935, 69.9340, 79.2647

Background



This preview shows how black text looks on a background with the XYZ color 63.3935, 69.9340, 79.2647.

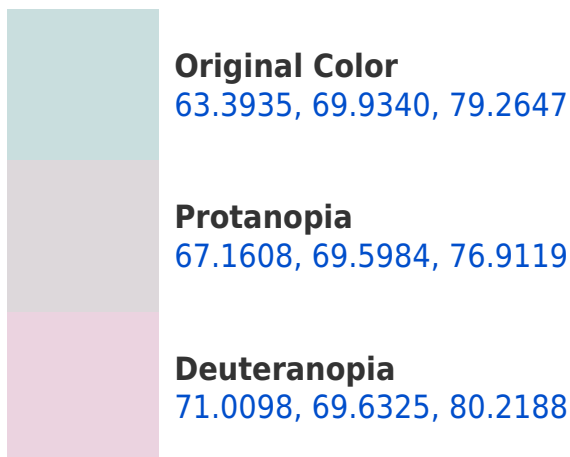


This preview shows how white text looks on a background with the XYZ color 63.3935, 69.9340,

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

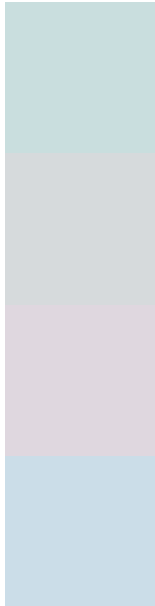




Tritanopia

65.7811, 70.1382, 90.1918

Trichromacy



Original Color

63.3935, 69.9340, 79.2647

Protanomaly

65.7212, 69.6063, 77.6816

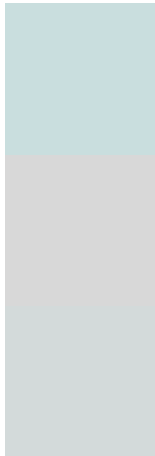
Deuteranomaly

68.0511, 69.6166, 79.6627

Tritanomaly

65.0505, 70.2356, 86.4722

Monochromacy



Original Color

63.3935, 69.9340, 79.2647

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.5903, 69.0536, 76.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3935, 69.9340, 79.2647 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(201, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(201, 222, 222)  
}
```

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(201, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 222, 222) }
```

Border

The CSS property to change the border of an element to XYZ 63.3935, 69.9340, 79.2647 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(201, 222, 222) }
```


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

```
.border{ border-color:rgb(201, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(201, 222,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3935, 69.9340, 79.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 222, 222) }
```

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

```
.background{ background-color: rgb(201,  
222, 222) }
```

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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