

Converting Colors

XYZ(63.8952, 66.7746, 79.3629)

Have a look what the booklet for
XYZ(63.8952, 66.7746, 79.3629)
contains.

XYZ(63.9775, 66.7651, 79.3270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9775, 66.7651,
79.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D5DF
RGB	211, 213, 223
RGB Percent	83%, 84%, 87%
CMY	0.1725, 0.1647, 0.1255
CMYK	0.05, 0.04, 0.00, 0.13
HSL	230°, 16%, 85%
HSV	230°, 5%, 87%
XYZ	63.9775, 66.7651, 79.3270
YIQ	213.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

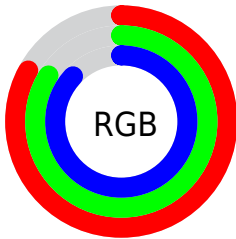
Format	Color
RYB	211, 213, 223
Decimal	13882847
CIELab	85.39, 1.19, -5.16
CIElCh	85, 5.296, 282.971
Yxy	66.7651, 0.3046, 0.3178
Android (android.graphics.Color)	4292072927 (0xFFD3D5DF)
YUV	213.5420, 4.6628, -2.2293
Hunter-Lab	81.7099, -3.2298, -0.3640

Details

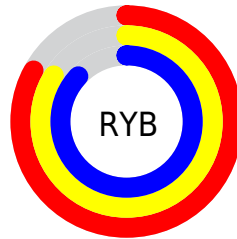
The XYZ color **63.9775, 66.7651, 79.3270** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0459, 72.1033, 71.9601**, and the grayscale version is **63.5823, 66.8935, 72.8471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0050, 34.3488, 41.9362** is the 20% darker color. If you saturate the color by 10%, you get **53.6189, 54.8827, 77.5805**, and if you desaturate by 10%, it is **75.7615, 80.1806, 81.2964**.

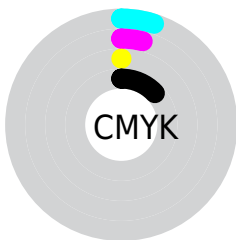
Distribution



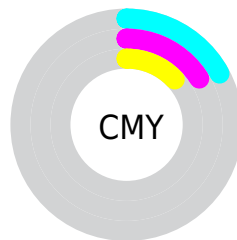
- Red (83%)
- Green (84%)
- Blue (87%)



- Red (83%)
- Yellow (84%)
- Blue (87%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9775, 66.7651, 79.3270 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 63.9775, 66.7651, 79.3270 by changing the saturation by 10% instead.

■ 63.9775, 66.7651,
79.3270

■ 63.9775, 66.7651,
79.3270

428.7119,
449.1082, 512.3087

■ 46.8941, 48.8938,
58.6418

109.6524,
114.5838, 134.2219

■ 33.1595, 34.5352,
41.9067

138.9747,
145.2999, 169.2688

■ 22.4085, 23.3051,
28.7032

173.1072,
181.0663, 209.9399

■ 14.2756, 14.8189,
18.6128

212.4154,
222.2676, 256.6538

■ 8.3956, 8.6924,
11.2169

257.2646,
269.2880, 309.8291

■ 4.4030, 4.5411,
6.0969

308.0202,

■ 1.9326, 1.9806,

322.5120, 369.8844

2.8343

365.0475,
382.3239, 437.2380

■ 0.5957, 0.5962,
1.0107

■ 0.0000, 0.0000,
0.0000

■ 63.9775, 66.7651,
79.3270

■ 63.9775, 66.7651,
79.3270

■ 53.6189, 54.8827,
77.5805

■ 75.7615, 80.1806,
81.2964

■ 44.6257, 44.4703,
76.0446

■ 88.7946, 95.0581,
83.4811

■ 36.9420, 35.4728,
74.7129

■ 90.3195, 98.1078,
83.9894

■ 30.5061, 27.8282,
73.5766

■ 25.2508, 21.4703,
72.6264

■ 21.1027, 16.3268,
71.8522

■ 17.9801, 12.3183,
71.2431

■ 15.7893, 9.3552,
70.7866

■ 14.4180, 7.3334,
70.4686

Harmonies

Analogous

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



62.7849, 66.7651, 79.1987



63.9775, 66.7651, 79.3270



65.0439, 66.7651, 77.6387

Triad

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



63.9775, 66.7651, 79.3270



65.1615, 66.7651, 68.2842



61.2776, 66.7651, 70.7778

Complementary

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



63.9775, 66.7651, 79.3270



68.0459, 72.1033, 71.9601

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.



61.8985, 66.7651, 67.9673



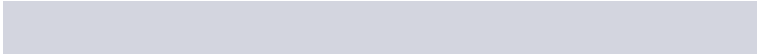
63.9775, 66.7651, 79.3270



64.1363, 66.7651, 66.5591

Square

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



63.9775, 66.7651, 79.3270



65.7333, 66.7651, 71.2228



62.9418, 66.7651, 66.4449



61.2363, 66.7651, 74.1891

Rectangle

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



63.9775, 66.7651, 79.3270



65.5357, 66.7651, 75.7403



62.9418, 66.7651, 66.4449



61.4251, 66.7651, 69.7341

Sweetspot

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



63.9794, 66.7679, 79.3285



91.8581, 96.3647, 108.3665



66.2772, 71.8351, 78.6404



19.6949, 20.6641, 23.2005



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.



63.9794, 66.7679, 79.3285



85.7113, 89.3485, 107.3363



64.5803, 66.3342, 79.2131



13.8037, 14.3757, 17.4349



8.2801, 4.0298, 41.3898



0.6306, 0.3927, 2.8878

Inverse Universe

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



65.7374, 67.0819, 72.4375



88.3771, 89.8298, 96.8857



67.4202, 72.5707, 72.0832



14.2765, 14.4618, 15.5813



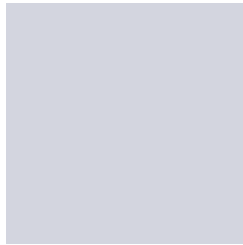
18.1196, 9.3149, 2.0297



1.2846, 0.6571, 0.2914

Previews

White Background



This preview shows how the XYZ color 63.9775, 66.7651, 79.3270 looks on a white background.

Color Contrast Check

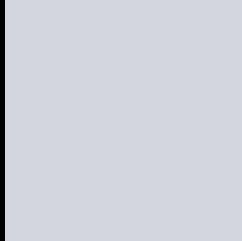
Large Text (above 18pt) WCAG AA × Fail

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 63.9775, 66.7651, 79.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

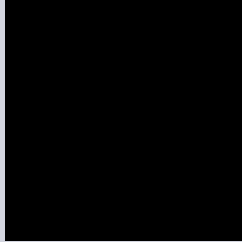
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

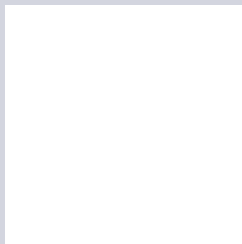
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9775, 66.7651, 79.3270

Background



This preview shows how black text looks on a background with the XYZ color 63.9775, 66.7651, 79.3270.

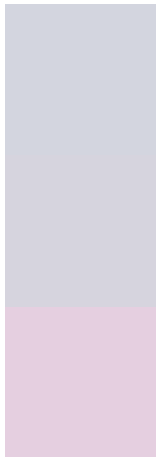


This preview shows how white text looks on a background with the XYZ color 63.9775, 66.7651,

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

63.9775, 66.7651, 79.3270

Protanopia

64.4599, 66.6570, 78.5759

Deuteranopia

68.0805, 66.6655, 79.8005



Tritanopia

64.8377, 66.7412, 83.5938

Trichromacy



Original Color

63.9775, 66.7651, 79.3270

Protanomaly

64.1689, 66.5070, 78.5623

Deuteranomaly

66.3792, 66.5123, 79.8606

Tritanomaly

64.5600, 66.6301, 82.1313

Monochromacy



Original Color

63.9775, 66.7651, 79.3270

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0115, 67.2490, 75.2522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9775, 66.7651, 79.3270 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(211, 213, 223) looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 223)  
}
```

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(211, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 223) }
```

Border

The CSS property to change the border of an element to XYZ 63.9775, 66.7651, 79.3270 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(211, 213, 223) }
```


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

```
.border{ border-color:rgb(211, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9775, 66.7651, 79.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 223) }
```

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

```
.background{ background-color: rgb(211,  
213, 223) }
```

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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