

Converting Colors

XYZ(63.9336, 65.4618, 79.9484)

Have a look what the booklet for
XYZ(63.9336, 65.4618, 79.9484)
contains.

XYZ(63.9417, 65.6211, 79.8171)	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(63.9417, 65.6211,
79.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2E0
RGB	213, 210, 224
RGB Percent	84%, 82%, 88%
CMY	0.1647, 0.1765, 0.1216
CMYK	0.05, 0.06, 0.00, 0.12
HSL	253°, 18%, 85%
HSV	253°, 6%, 88%
XYZ	63.9417, 65.6211, 79.8171
YIQ	212.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

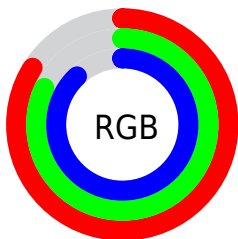
Format	Color
R _Y B	213, 210, 224
Decimal	14013152
CIE Lab	84.80, 3.62, -6.54
CIE LCh	85, 7.470, 298.966
Yxy	65.6211, 0.3054, 0.3134
Android (android.graphics.Color)	4292203232 (0xFFD5D2E0)
YUV	212.4930, 5.6730, 0.4446
Hunter-Lab	81.0069, -0.8653, -1.7144

Details

The XYZ color **63.9417, 65.6211, 79.8171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1097, 73.3384, 71.5419**, and the grayscale version is **62.8737, 66.1480, 72.0352**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1504, 33.9106, 42.3343** is the 20% darker color. If you saturate the color by 10%, you get **53.9622, 52.8348, 77.8761**, and if you desaturate by 10%, it is **75.2534, 80.2468, 82.0450**.

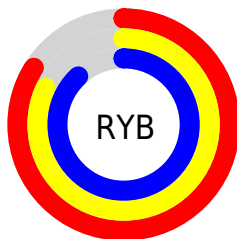
Distribution



Red (84%)

Green (82%)

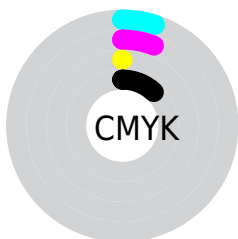
Blue (88%)



Red (84%)

Yellow (82%)

Blue (88%)

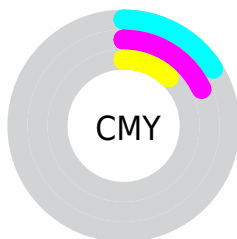


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9417, 65.6211, 79.8171 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 63.9417, 65.6211, 79.8171 by changing the saturation by 10% instead.

■ 63.9417, 65.6211,
79.8171

■ 63.9417, 65.6211,
79.8171

428.5846,
445.0206, 514.0067

■ 46.8650, 47.9649,
59.0426

109.6012,
112.9423, 134.9176

■ 33.1364, 33.7991,
42.2272

138.9146,
143.3761, 170.0807

■ 22.3907, 22.7393,
28.9523

173.0377,
178.8379, 210.8771

■ 14.2625, 14.4011,
18.7995

212.3357,
219.7121, 257.7252

■ 8.3864, 8.4002,
11.3501

257.1741,
266.3831, 311.0437

■ 4.3970, 4.3521,
6.1857

307.9181,

■ 1.9291, 1.8724,

319.2352, 371.2511

2.8877

364.9332,
378.6529, 438.7659

■ 0.5937, 0.5317,
1.0376

■ 0.0000, 0.0000,
0.0000

■ 63.9417, 65.6211,
79.8171

■ 63.9417, 65.6211,
79.8171

■ 53.9622, 52.8348,
77.8761

■ 75.2534, 80.2468,
82.0450

■ 45.2596, 41.8066,
76.2061

■ 87.9385, 96.7725,
84.5662

■ 37.7830, 32.4613,
74.7963

■ 90.4547, 98.1619,
84.7017

■ 31.4760, 24.7150,
73.6336

■ 26.2775, 18.4766,
72.7034

■ 22.1208, 13.6456,
71.9900

■ 18.9316, 10.1090,
71.4755

■ 16.6247, 7.7359,
71.1390

■ 15.0978, 6.3643,
70.9547

Harmonies

Analogous

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



62.3128, 65.6211, 81.0626



63.9417, 65.6211, 79.8171



65.1679, 65.6211, 76.3057

Triad

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



63.9417, 65.6211, 79.8171



64.0440, 65.6211, 63.8436



59.2097, 65.6211, 71.2841

Complementary

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



63.9417, 65.6211, 79.8171



68.1097, 73.3384, 71.5419

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.



59.6550, 65.6211, 66.8052



63.9417, 65.6211, 79.8171



62.4290, 65.6211, 62.6295

Square

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



63.9417, 65.6211, 79.8171



65.2278, 65.6211, 67.0810



60.8260, 65.6211, 63.6895



59.5987, 65.6211, 76.0052

Rectangle

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



63.9417, 65.6211, 79.8171



65.5817, 65.6211, 73.2280



60.8260, 65.6211, 63.6895



59.2666, 65.6211, 69.7015

Sweetspot

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



63.9436, 65.6239, 79.8185



91.9853, 96.0368, 108.2966



65.9443, 70.9040, 80.7322



19.7208, 20.5973, 23.1862



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.



63.9436, 65.6239, 79.8185



84.6436, 86.5711, 106.8564



65.9580, 66.6624, 79.9128



13.6512, 13.9315, 17.3572



8.6188, 3.5385, 41.2771



0.6727, 0.2841, 2.8646

Inverse Universe

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



66.8405, 67.1638, 77.8509



89.0083, 88.8916, 103.8807



66.0806, 72.2923, 71.4470



14.4098, 14.3349, 16.8388



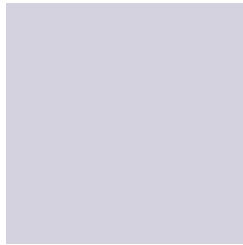
22.5008, 11.0673, 25.1006



1.5913, 0.7798, 1.9068

Previews

White Background



This preview shows how the XYZ color 63.9417, 65.6211, 79.8171 looks on a white background.

Color Contrast Check

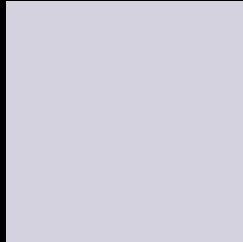
Large Text (above 18pt) WCAG AA × Fail

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 63.9417, 65.6211, 79.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

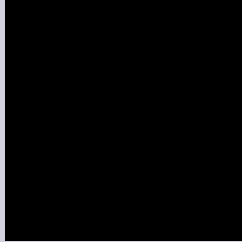
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9417, 65.6211, 79.8171

Background



This preview shows how black text looks on a background with the XYZ color 63.9417, 65.6211, 79.8171.



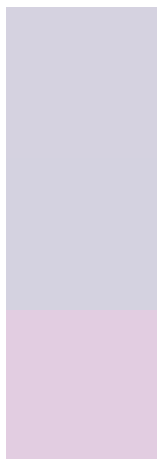
This preview shows how white text looks on a background with the XYZ color 63.9417, 65.6211,

79.8171.

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

63.9417, 65.6211, 79.8171

Protanopia

63.6525, 65.4721, 79.8035

Deuteranopia

66.7860, 65.2676, 80.3121



Tritanopia

64.2146, 65.7303, 81.2542

Trichromacy



Original Color

63.9417, 65.6211, 79.8171

Protanomaly

63.6525, 65.4721, 79.8035

Deuteranomaly

65.7222, 65.4340, 80.4003

Tritanomaly

64.0778, 65.6756, 80.5336

Monochromacy



Original Color

63.9417, 65.6211, 79.8171

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.8403, 65.5434, 74.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9417, 65.6211, 79.8171 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(213, 210, 224) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 224)  
}
```

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(213, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 224) }
```

Border

The CSS property to change the border of an element to XYZ 63.9417, 65.6211, 79.8171 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(213, 210, 224) }
```


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

```
.border{ border-color:rgb(213, 210, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9417, 65.6211, 79.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 224) }
```

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

```
.background{ background-color: rgb(213,  
210, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor