

Converting Colors

XYZ(65.1978, 63.8991, 89.0182)

Have a look what the booklet for
XYZ(65.1978, 63.8991, 89.0182)
contains.

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Color

**XYZ(65.1978, 63.8991,
89.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CCED
RGB	216, 204, 237
RGB Percent	85%, 80%, 93%
CMY	0.1529, 0.2000, 0.0706
CMYK	0.09, 0.14, 0.00, 0.07
HSL	262°, 48%, 86%
HSV	262°, 14%, 93%
XYZ	65.1978, 63.8991, 89.0182
YIQ	211.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

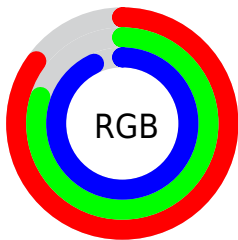
Format	Color
R _Y B	216, 204, 237
Decimal	14208237
CIE Lab	83.91, 10.30, -14.75
CIE LCh	84, 17.990, 304.936
Yxy	63.8991, 0.2989, 0.2930
Android (android.graphics.Color)	4292398317 (0xFFD8CCED)
YUV	211.3500, 12.6455, 4.0781
Hunter-Lab	79.9369, 5.6978, -10.0698

Details

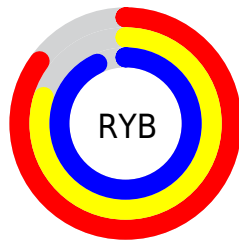
The XYZ color **65.1978, 63.8991, 89.0182** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.2369, 80.9372, 68.9450**, and the grayscale version is **62.0705, 65.3030, 71.1149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9448, 32.7260, 48.2437** is the 20% darker color. If you saturate the color by 10%, you get **55.7346, 51.2865, 87.0835**, and if you desaturate by 10%, it is **75.9310, 78.4423, 91.2606**.

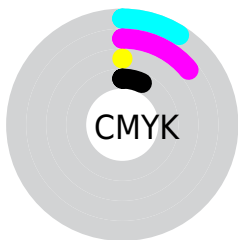
Distribution



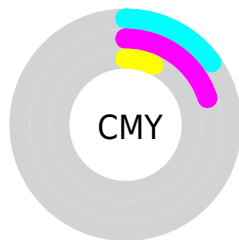
- Red (85%)
- Green (80%)
- Blue (93%)



- Red (85%)
- Yellow (80%)
- Blue (93%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1978, 63.8991, 89.0182 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 65.1978, 63.8991, 89.0182 by changing the saturation by 10% instead.

65.1978, 63.8991,
89.0182

65.1978, 63.8991,
89.0182

433.0364,
438.8252, 545.3194

47.8868, 46.5690,
66.5975

111.3983,
110.4656, 147.8975

33.9481, 32.6950,
48.2981

141.0185,
140.4708, 185.1931

23.0164, 21.8929,
33.7013

175.4725,
175.4697, 228.2842

14.7264, 13.7782,
22.3887

215.1256,
215.8469, 277.5892

8.7127, 7.9666,
13.9418

260.3432,
261.9866, 333.5266

4.6098, 4.0736,
7.9419

311.4906,

2.0526, 1.7148,

314.2733, 396.5151

3.9705

368.9332,
373.0913, 466.9732

■ 0.6632, 0.4332,
1.6092

■ 0.0000, 0.0000,
0.2974

■ 65.1978, 63.8991,
89.0182

■ 65.1978, 63.8991,
89.0182

■ 55.7346, 51.2865,
87.0835

■ 75.9310, 78.4423,
91.2606

■ 47.4862, 40.5134,
85.4388

■ 87.9752, 94.9856,
93.8190

■ 40.4014, 31.4936,
84.0712

■ 92.2862, 98.8945,
94.3463

■ 34.4230, 24.1304,
82.9651

■ 29.4888, 18.3177,
82.1032

■ 25.5292, 13.9364,
81.4662

■ 22.4654, 10.8494,
81.0318

■ 20.2031, 8.8905,
80.7729

■ 19.1396, 8.1010,
80.6766

Harmonies

Analogous

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



61.3914, 63.8991, 93.6297



65.1978, 63.8991, 89.0182



67.8927, 63.8991, 79.2239

Triad

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



65.1978, 63.8991, 89.0182



64.0159, 63.8991, 51.6393



53.4626, 63.8991, 71.4676

Complementary

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



65.1978, 63.8991, 89.0182



72.2369, 80.9372, 68.9450

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.



54.0974, 63.8991, 60.7436



65.1978, 63.8991, 89.0182



60.0817, 63.8991, 50.0397

Square

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



65.1978, 63.8991, 89.0182



67.1898, 63.8991, 57.8244



56.4791, 63.8991, 53.1920



54.7059, 63.8991, 82.8191

Rectangle

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



65.1978, 63.8991, 89.0182



68.6353, 63.8991, 71.5172



56.4791, 63.8991, 53.1920



53.4639, 63.8991, 67.6688

Sweetspot

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



65.1997, 63.9018, 89.0196



89.5339, 92.4534, 107.7341



67.2372, 73.0480, 90.6776



18.9479, 19.4942, 23.0140



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.



65.1997, 63.9018, 89.0196



73.3145, 70.5300, 104.3573



70.1758, 66.4671, 89.2525



14.7483, 14.8155, 19.0046



10.5807, 4.4905, 44.0520



0.9332, 0.4054, 3.4639

Inverse Universe

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



70.1107, 66.6293, 80.4028



80.3114, 74.4183, 91.9777



67.4658, 78.4776, 68.7217



15.4689, 15.2154, 17.7547



22.1752, 11.0728, 17.2557



1.7872, 0.8878, 1.5966

Previews

White Background



This preview shows how the XYZ color 65.1978, 63.8991, 89.0182 looks on a white background.

Color Contrast Check

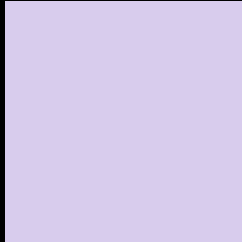
Large Text (above 18pt) WCAG AA × Fail

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 65.1978, 63.8991, 89.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

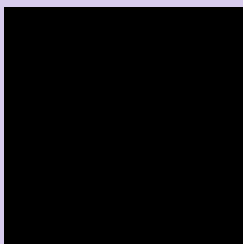
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1978, 63.8991, 89.0182

Background



This preview shows how black text looks on a background with the XYZ color 65.1978, 63.8991, 89.0182.



This preview shows how white text looks on a background with the XYZ color 65.1978, 63.8991,

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

65.1978, 63.8991, 89.0182

Protanopia

63.0377, 64.1811, 90.7271

Deuteranopia

65.1978, 63.8991, 89.0182



Tritanopia

63.1221, 63.7665, 78.7933

Trichromacy



Original Color

65.1978, 63.8991, 89.0182

Protanomaly

63.7579, 64.2086, 89.9220

Deuteranomaly

65.1978, 63.8991, 89.0182

Tritanomaly

63.8592, 63.7112, 82.3305

Monochromacy



Original Color

65.1978, 63.8991, 89.0182

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9147, 64.4252, 76.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1978, 63.8991, 89.0182 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(216, 204, 237) looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 237)  
}
```

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(216, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 237) }
```

Border

The CSS property to change the border of an element to XYZ 65.1978, 63.8991, 89.0182 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(216, 204, 237) }
```


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

```
.border{ border-color:rgb(216, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1978, 63.8991, 89.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 237) }
```

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

```
.background{ background-color: rgb(216,  
204, 237) }
```

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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