

Converting Colors

XYZ(69.2601, 70.6907, 88.2379)

Have a look what the booklet for
XYZ(69.2601, 70.6907, 88.2379)
contains.

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Color

**XYZ(69.3235, 70.8395,
88.6169)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD9EB
RGB	220, 217, 235
RGB Percent	86%, 85%, 92%
CMY	0.1372, 0.1490, 0.0784
CMYK	0.06, 0.08, 0.00, 0.08
HSL	250°, 31%, 89%
HSV	250°, 8%, 92%
XYZ	69.3235, 70.8395, 88.6169
YIQ	219.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

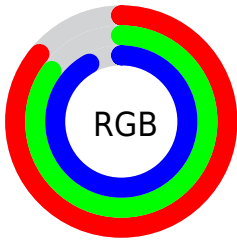
Format	Color
R _Y B	220, 217, 235
Decimal	14473707
CIE Lab	87.41, 4.35, -8.44
CIE LCh	87, 9.499, 297.283
Yxy	70.8395, 0.3030, 0.3096
Android (android.graphics.Color)	4292663787 (0xFFD9EB)
YUV	219.9490, 7.4201, 0.0447
Hunter-Lab	84.1662, -0.2693, -3.5089

Details

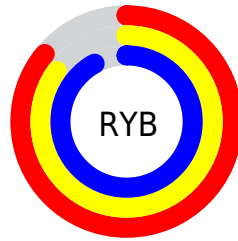
The XYZ color **69.3235, 70.8395, 88.6169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5139, 81.5840, 77.4163**, and the grayscale version is **67.9456, 71.4840, 77.8461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5741, 37.0947, 47.8802** is the 20% darker color. If you saturate the color by 10%, you get **58.1079, 56.6984, 86.4796**, and if you desaturate by 10%, it is **82.1003, 87.0696, 91.0773**.

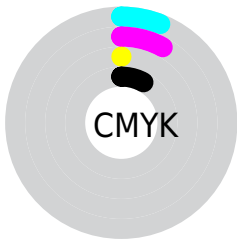
Distribution



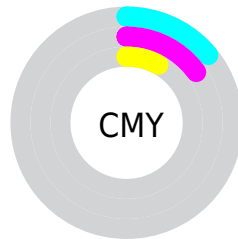
- Red (86%)
- Green (85%)
- Blue (92%)



- Red (86%)
- Yellow (85%)
- Blue (92%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3235, 70.8395, 88.6169 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 69.3235, 70.8395, 88.6169 by changing the saturation by 10% instead.

■ 69.3235, 70.8395,
88.6169

■ 69.3235, 70.8395,
88.6169

447.4747,
463.4922, 543.9749

■ 51.2528, 52.2112,
66.2668

117.2751,
120.4052, 147.3344

■ 36.6317, 37.1735,
48.0312

147.8866,
152.1113, 184.5389

■ 25.0948, 25.3418,
33.4914

183.4092,
188.9456, 227.5320

■ 16.2768, 16.3319,
22.2290

224.2082,
231.2924, 276.7322

■ 9.8123, 9.7593,
13.8253

270.6488,
279.5360, 332.5580

■ 5.3360, 5.2397,
7.8619

323.0965,

■ 2.4825, 2.3886,

334.0609, 395.4281

3.9202

381.9167,
395.2515, 465.7609

■ 0.8864, 0.8200,
1.5817

■ 0.0000, 0.0000,
0.2777

■ 69.3235, 70.8395,
88.6169

■ 69.3235, 70.8395,
88.6169

■ 58.1079, 56.6984,
86.4796

■ 82.1003, 87.0696,
91.0773

■ 48.3872, 44.5526,
84.6476

■ 91.9956, 98.7782,
92.8158

■ 40.0993, 34.3142,
83.1082

■ 33.1755, 25.8857,
81.8462

■ 27.5412, 19.1604,
80.8451

■ 23.1147, 14.0208,
80.0863

■ 19.8044, 10.3338,
79.5491

■ 17.5048, 7.9442,
79.2091

■ 16.0822, 6.6471,
79.0337

Harmonies

Analogous

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



67.1269, 70.8395, 90.1146



69.3235, 70.8395, 88.6169



71.0182, 70.8395, 83.9898

Triad

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



69.3235, 70.8395, 88.6169



69.6845, 70.8395, 67.2171



63.1216, 70.8395, 76.5492

Complementary

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



69.3235, 70.8395, 88.6169



75.5139, 81.5840, 77.4163

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.



63.7734, 70.8395, 70.6584



69.3235, 70.8395, 88.6169



67.5351, 70.8395, 65.4606

Square

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



69.3235, 70.8395, 88.6169



71.2298, 70.8395, 71.6176



65.3767, 70.8395, 66.6852



63.5767, 70.8395, 82.9228

Rectangle

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



69.3235, 70.8395, 88.6169



71.6181, 70.8395, 79.8783



65.3767, 70.8395, 66.6852



63.2181, 70.8395, 74.4497

Sweetspot

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



69.3256, 70.8425, 88.6185



91.8980, 95.9918, 108.2925



72.5541, 78.6341, 89.9522



19.7030, 20.5882, 23.1854



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.



69.3256, 70.8425, 88.6185



81.4703, 82.7723, 106.2905



72.0281, 72.2357, 88.7449



14.4649, 14.6694, 18.9914



8.8855, 3.6166, 43.9727



0.7670, 0.3197, 3.4562

Inverse Universe

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



73.6417, 73.1172, 86.5789



87.5514, 85.9776, 103.3949



72.7589, 80.1638, 77.2874



15.6008, 15.2682, 18.4492



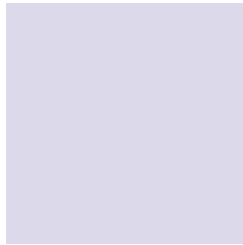
24.6455, 12.0609, 30.2641



1.9639, 0.9585, 2.5271

Previews

White Background



This preview shows how the XYZ color 69.3235, 70.8395, 88.6169 looks on a white background.

Color Contrast Check

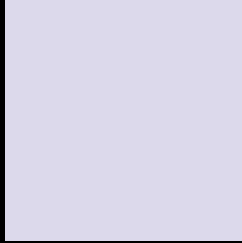
Large Text (above 18pt) WCAG AA × Fail

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 69.3235, 70.8395, 88.6169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

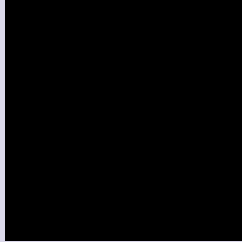
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3235, 70.8395, 88.6169

Background



This preview shows how black text looks on a background with the XYZ color 69.3235, 70.8395, 88.6169.

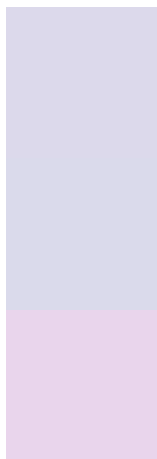


This preview shows how white text looks on a background with the XYZ color 69.3235, 70.8395,

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

69.3235, 70.8395, 88.6169

Protanopia

68.9802, 71.0464, 88.6749

Deuteranopia

72.5388, 70.9683, 89.2319



Tritanopia

69.1793, 70.7819, 87.8580

Trichromacy



Original Color

69.3235, 70.8395, 88.6169

Protanomaly

69.2802, 71.2010, 88.6890

Deuteranomaly

71.1818, 70.6432, 89.2407

Tritanomaly

69.1793, 70.7819, 87.8580

Monochromacy



Original Color

69.3235, 70.8395, 88.6169

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.4373, 71.3149, 81.3923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3235, 70.8395, 88.6169 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(220, 217, 235) looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 235)  
}
```

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(220, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 235) }
```

Border

The CSS property to change the border of an element to XYZ 69.3235, 70.8395, 88.6169 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(220, 217, 235) }
```


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

```
.border{ border-color:rgb(220, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3235, 70.8395, 88.6169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 235) }
```

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

```
.background{ background-color: rgb(220,  
217, 235) }
```

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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