

Converting Colors

XYZ(68.4369, 68.2033, 87.8521)

Have a look what the booklet for
XYZ(68.4369, 68.2033, 87.8521)
contains.

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Color

**XYZ(68.4139, 68.1163,
88.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	DED3EB
RGB	222, 211, 235
RGB Percent	87%, 83%, 92%
CMY	0.1294, 0.1725, 0.0784
CMYK	0.06, 0.10, 0.00, 0.08
HSL	267°, 37%, 87%
HSV	267°, 10%, 92%
XYZ	68.4139, 68.1163, 88.1392
YIQ	217.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

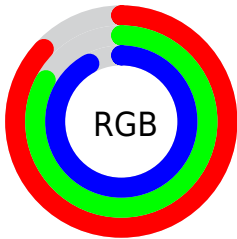
Format	Color
R _Y B	222, 211, 235
Decimal	14603243
CIE Lab	86.06, 8.16, -10.42
CIE LCh	86, 13.238, 308.074
Yxy	68.1163, 0.3045, 0.3032
Android (android.graphics.Color)	4292793323 (0xFFDED3EB)
YUV	217.0250, 8.8617, 4.3631
Hunter-Lab	82.5326, 3.5323, -5.5449

Details

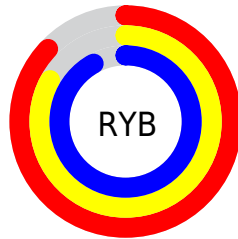
The XYZ color **68.4139, 68.1163, 88.1392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2091, 79.9689, 73.2611**, and the grayscale version is **65.9140, 69.3466, 75.5185**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9615, 35.2471, 47.5558** is the 20% darker color. If you saturate the color by 10%, you get **59.2446, 55.3484, 86.1591**, and if you desaturate by 10%, it is **78.7352, 82.7487, 90.4206**.

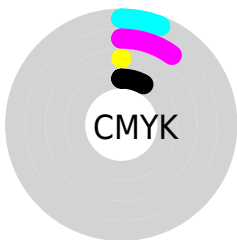
Distribution



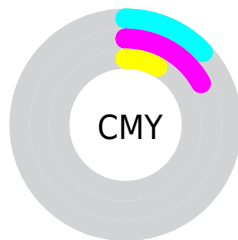
- Red (87%)
- Green (83%)
- Blue (92%)



- Red (87%)
- Yellow (83%)
- Blue (92%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4139, 68.1163, 88.1392 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 68.4139, 68.1163, 88.1392 by changing the saturation by 10% instead.

■ 68.4139, 68.1163,
88.1392

■ 68.4139, 68.1163,
88.1392

444.3149,
453.9080, 542.3721

■ 50.5094, 49.9924,
65.8734

115.9827,
116.5185, 146.6638

■ 36.0378, 35.4073,
47.7138

146.3778,
147.5656, 183.7596

■ 24.6336, 23.9768,
33.2419

181.6671,
183.6891, 226.6358

■ 15.9316, 15.3164,
22.0392

222.2160,
225.2735, 275.7110

■ 9.5663, 9.0418,
13.6871

268.3899,
272.7032, 331.4037

■ 5.1724, 4.7684,
7.7671

320.5541,

■ 2.3846, 2.1120,

326.3626, 394.1324

3.8607

379.0740,
386.6360, 464.3157

■ 0.8374, 0.6714,
1.5492

■ 0.0000, 0.0000,
0.2542

■ 68.4139, 68.1163,
88.1392

■ 68.4139, 68.1163,
88.1392

■ 59.2446, 55.3484,
86.1591

■ 78.7352, 82.7487,
90.4206

■ 51.1777, 44.3593,
84.4631

■ 89.2769, 97.3767,
92.6885

■ 44.1693, 35.0691,
83.0393

■ 91.9956, 98.7782,
92.8157

■ 38.1693, 27.3887,
81.8731

■ 33.1236, 21.2203,
80.9484

■ 28.9723, 16.4551,
80.2474

■ 25.6475, 12.9692,
79.7498

■ 23.0695, 10.6155,
79.4314

■ 21.1429, 9.1673,
79.2534

Harmonies

Analogous

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



65.5668, 68.1163, 92.0041



68.4139, 68.1163, 88.1392



70.3169, 68.1163, 80.5945

Triad

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



68.4139, 68.1163, 88.1392



66.9495, 68.1163, 59.6982



59.1267, 68.1163, 76.5428

Complementary

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



68.4139, 68.1163, 88.1392



72.2091, 79.9689, 73.2611

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.



59.4708, 68.1163, 68.0908



68.4139, 68.1163, 88.1392



63.9251, 68.1163, 58.7987

Square

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



68.4139, 68.1163, 88.1392



69.4532, 68.1163, 64.3166



61.2049, 68.1163, 61.7555



60.2498, 68.1163, 84.9752

Rectangle

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



68.4139, 68.1163, 88.1392



70.7610, 68.1163, 74.7311



61.2049, 68.1163, 61.7555



59.0753, 68.1163, 73.6059

Sweetspot

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



68.4159, 68.1192, 88.1407



91.1496, 94.4383, 108.0320



68.5713, 73.2684, 89.1264



19.2913, 19.9031, 23.0749



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.



68.4159, 68.1192, 88.1407



80.2154, 78.9971, 105.6279



72.1577, 70.0482, 88.3158



14.8871, 14.8871, 19.0111



11.9103, 5.1759, 44.1143



1.0450, 0.4630, 3.4692

Inverse Universe

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



71.0121, 69.6355, 80.2225



83.8770, 81.1361, 94.4410



68.6777, 78.1484, 73.0958



15.4068, 15.1906, 17.4272



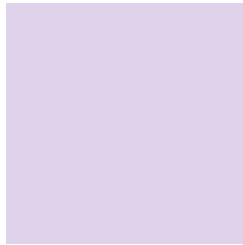
21.2762, 10.7132, 12.5215



1.7192, 0.8606, 1.2385

Previews

White Background



This preview shows how the XYZ color 68.4139, 68.1163, 88.1392 looks on a white background.

Color Contrast Check

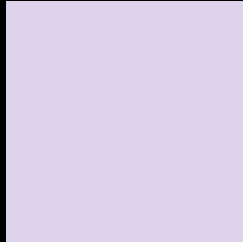
Large Text (above 18pt) WCAG AA × Fail

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 68.4139, 68.1163, 88.1392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

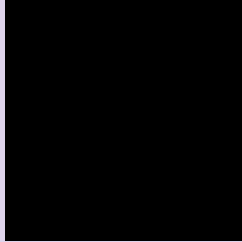
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4139, 68.1163, 88.1392

Background



This preview shows how black text looks on a background with the XYZ color 68.4139, 68.1163, 88.1392.



This preview shows how white text looks on a background with the XYZ color 68.4139, 68.1163,

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

68.4139, 68.1163, 88.1392

Protanopia

66.7732, 68.3537, 89.7950

Deuteranopia

69.4744, 67.9300, 88.0474



Tritanopia

67.5051, 68.1163, 83.7186

Trichromacy



Original Color

68.4139, 68.1163, 88.1392

Protanomaly

67.2535, 68.2436, 88.9846

Deuteranomaly

69.0933, 68.0989, 88.1001

Tritanomaly

67.7861, 68.2286, 85.1980

Monochromacy



Original Color

68.4139, 68.1163, 88.1392

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.9684, 69.0428, 80.3180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4139, 68.1163, 88.1392 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(222, 211, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 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(222, 211, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 235) }
```

Border

The CSS property to change the border of an element to XYZ 68.4139, 68.1163, 88.1392 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(222, 211, 235) }
```


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

```
.border{ border-color:rgb(222, 211, 235) }
```

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

Here you see how a box with a 4 pixel rgb(222, 211, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4139, 68.1163, 88.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 235) }
```

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

```
.background{ background-color: rgb(222,  
211, 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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