

Converting Colors

XYZ(63.7239, 60.0884, 86.8369)

Have a look what the booklet for
XYZ(63.7239, 60.0884, 86.8369)
contains.

XYZ(63.7239, 60.0884, 86.8369)	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(63.7239, 60.0884,
86.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC3EB
RGB	219, 195, 235
RGB Percent	86%, 76%, 92%
CMY	0.1412, 0.2353, 0.0784
CMYK	0.07, 0.17, 0.00, 0.08
HSL	276°, 50%, 84%
HSV	276°, 17%, 92%
XYZ	63.7239, 60.0884, 86.8369
YIQ	206.7360, 1.4640, 17.5280

Conversions

Conversions Part 2

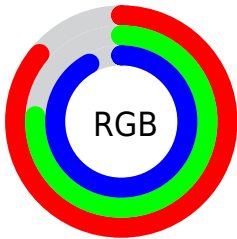
Format	Color
R _Y B	219, 195, 235
Decimal	14402539
CIE Lab	81.89, 15.69, -16.70
CIE LCh	82, 22.917, 313.211
Yxy	60.0884, 0.3025, 0.2853
Android (android.graphics.Color)	4292592619 (0xFFDBC3EB)
YUV	206.7360, 13.9342, 10.7555
Hunter-Lab	77.5167, 11.0847, -12.1570

Details

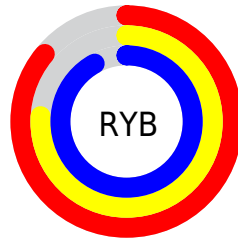
The XYZ color **63.7239, 60.0884, 86.8369** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.4247, 77.2072, 63.0341**, and the grayscale version is **59.0524, 62.1278, 67.6571**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.9714, 30.1969, 46.7386** is the 20% darker color. If you saturate the color by 10%, you get **56.1190, 48.9583, 85.0903**, and if you desaturate by 10%, it is **72.3208, 72.9632, 88.8698**.

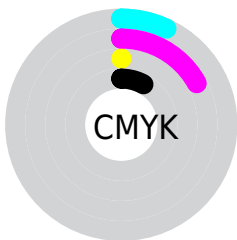
Distribution



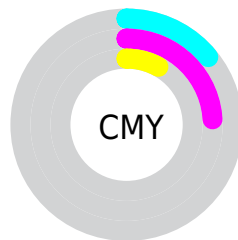
- Red (86%)
- Green (76%)
- Blue (92%)



- Red (86%)
- Yellow (76%)
- Blue (92%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7239, 60.0884, 86.8369 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 63.7239, 60.0884, 86.8369 by changing the saturation by 10% instead.

63.7239, 60.0884,
86.8369

63.7239, 60.0884,
86.8369

427.8100,
424.9235, 537.9891

46.6879, 43.4899,
64.8014

109.2892,
104.9579, 144.8336

32.9959, 30.2697,
46.8497

138.5492,
133.9977, 181.6320

22.2825, 20.0434,
32.5634

172.6146,
167.9533, 224.1883

14.1824, 12.4266,
21.5238

211.8507,
207.2092, 272.9212

8.3302, 7.0349,
13.3125

256.6230,
252.1498, 328.2492

4.3605, 3.4839,
7.5108

307.2967,

1.9081, 1.3893,

303.1595, 390.5908

3.7003

364.2372,
360.6226, 460.3646

■ 0.5815, 0.2088,
1.4624

■ 0.0000, 0.0000,
0.1897

■ 63.7239, 60.0884,
86.8369

■ 63.7239, 60.0884,
86.8369

■ 56.1190, 48.9583,
85.0903

■ 72.3208, 72.9632,
88.8698

■ 49.4593, 39.4865,
83.6131

■ 81.9430, 87.6486,
91.1972

■ 43.7022, 31.5908,
82.3925

■ 89.1852, 97.3294,
92.6841

■ 38.7996, 25.1786,
81.4132

■ 91.9956, 98.7782,
92.8156

■ 34.6979, 20.1474,
80.6583

■ 31.3371, 16.3812,
80.1084

■ 28.6470, 13.7441,
79.7412

■ 26.5378, 12.0613,
79.5276

■ 25.9793, 11.6606,
79.4797

Harmonies

Analogous

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



59.2655, 60.0884, 94.9539



63.7239, 60.0884, 86.8369



66.4930, 60.0884, 73.4303

Triad

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



63.7239, 60.0884, 86.8369



59.8427, 60.0884, 43.0834



48.5230, 60.0884, 71.7080

Complementary

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



63.7239, 60.0884, 86.8369



66.4247, 77.2072, 63.0341

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.



48.6580, 60.0884, 58.0257



63.7239, 60.0884, 86.8369



55.0117, 60.0884, 42.7582

Square

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



63.7239, 60.0884, 86.8369



64.1669, 60.0884, 48.8217



50.9745, 60.0884, 47.8601



50.5945, 60.0884, 85.4235

Rectangle

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



63.7239, 60.0884, 86.8369



66.9167, 60.0884, 63.9445



50.9745, 60.0884, 47.8601



48.3155, 60.0884, 66.9303

Sweetspot

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



63.7257, 60.0910, 86.8382



89.2650, 91.1787, 107.5022



60.9636, 64.5231, 87.8393



18.9378, 19.2602, 22.9694



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.



63.7257, 60.0910, 86.8382



73.7715, 67.9997, 103.8448



68.2959, 62.5021, 84.5616



15.0981, 14.9958, 19.0210



14.6064, 6.5658, 44.2404



1.2550, 0.5713, 3.4790

Inverse Universe

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



65.5360, 61.3981, 70.0277



76.3419, 69.8493, 80.2652



62.4477, 75.1130, 64.8375



15.3151, 15.1539, 16.9446



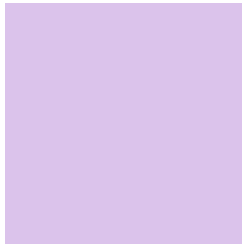
20.2514, 10.3032, 7.1250



1.6366, 0.8276, 0.8036

Previews

White Background



This preview shows how the XYZ color 63.7239, 60.0884, 86.8369 looks on a white background.

Color Contrast Check

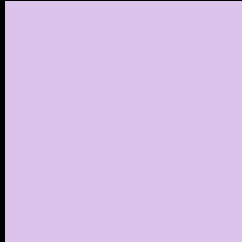
Large Text (above 18pt) WCAG AA × Fail

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 63.7239, 60.0884, 86.8369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

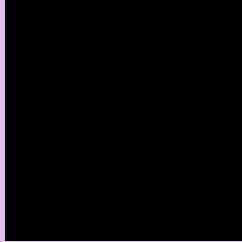
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7239, 60.0884, 86.8369

Background



This preview shows how black text looks on a background with the XYZ color 63.7239, 60.0884, 86.8369.



This preview shows how white text looks on a background with the XYZ color 63.7239, 60.0884,

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

63.7239, 60.0884, 86.8369

Protanopia

59.6137, 60.2681, 90.9290

Deuteranopia

61.5692, 60.3427, 86.2442



Tritanopia

60.8799, 60.3008, 72.0488

Trichromacy



Original Color

63.7239, 60.0884, 86.8369

Protanomaly

60.7579, 59.8573, 89.2402

Deuteranomaly

62.4859, 60.4748, 86.2213

Tritanomaly

61.9942, 60.4138, 77.5008

Monochromacy



Original Color

63.7239, 60.0884, 86.8369

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.7443, 61.5705, 74.3284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7239, 60.0884, 86.8369 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(219, 195, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 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(219, 195, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 235) }
```

Border

The CSS property to change the border of an element to XYZ 63.7239, 60.0884, 86.8369 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(219, 195, 235) }
```


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

```
.border{ border-color:rgb(219, 195, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7239, 60.0884, 86.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 235) }
```

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

```
.background{ background-color: rgb(219,  
195, 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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