

Converting Colors

XYZ(60.6600, 60.3829, 86.6807)

Have a look what the booklet for
XYZ(60.6600, 60.3829, 86.6807)
contains.

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Color

**XYZ(60.7839, 60.6088,
87.0923)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC9EB
RGB	204, 201, 235
RGB Percent	80%, 79%, 92%
CMY	0.2000, 0.2117, 0.0784
CMYK	0.13, 0.14, 0.00, 0.08
HSL	245°, 46%, 85%
HSV	245°, 14%, 92%
XYZ	60.7839, 60.6088, 87.0923
YIQ	205.7730, -9.1260, 11.2100

Conversions

Conversions Part 2

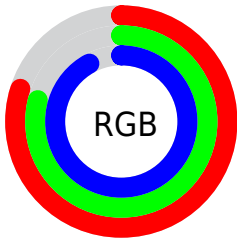
Format	Color
R_{YB}	204, 201, 235
Decimal	13421035
CIE _{Lab}	82.17, 7.64, -16.40
CIE _{LCh}	82, 18.091, 294.981
Yxy	60.6088, 0.2916, 0.2907
Android (android.graphics.Color)	4291611115 (0xFFCCC9EB)
YUV	205.7730, 14.4089, -1.5549
Hunter-Lab	77.8517, 3.1263, -11.8313

Details

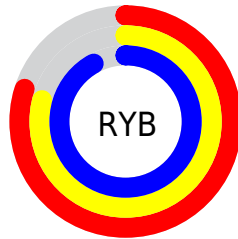
The XYZ color **60.7839, 60.6088, 87.0923** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.5317, 80.7911, 66.9798**, and the grayscale version is **58.4376, 61.4809, 66.9527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1481, 30.6061, 46.9137** is the 20% darker color. If you saturate the color by 10%, you get **50.2449, 47.6573, 85.1488**, and if you desaturate by 10%, it is **72.9727, 75.6580, 89.3556**.

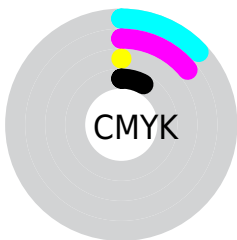
Distribution



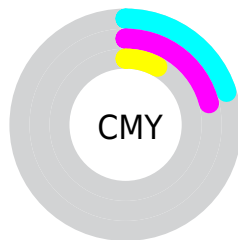
- Red (80%)
- Green (79%)
- Blue (92%)



- Red (80%)
- Yellow (79%)
- Blue (92%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7839, 60.6088, 87.0923 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 60.7839, 60.6088, 87.0923 by changing the saturation by 10% instead.

■ 60.7839, 60.6088,
87.0923

■ 60.7839, 60.6088,
87.0923

417.2698,
426.8382, 538.8502

■ 44.3027, 43.9095,
65.0115

105.0659,
105.7123, 145.1928

■ 31.1075, 30.5994,
47.0190

133.5973,
134.8853, 182.0496

■ 20.8329, 20.2940,
32.6962

166.8762,
168.9851, 224.6688

■ 13.1137, 12.6089,
21.6246

205.2679,
208.3959, 273.4690

■ 7.5844, 7.1598,
13.3857

249.1377,
253.5022, 328.8687

■ 3.8798, 3.5622,
7.5608

298.8511,

■ 1.6343, 1.4318,

304.6885, 391.2864

3.7315

354.7733,
362.3390, 461.1408

■ 0.4146, 0.2400,
1.4792

■ 0.0000, 0.0000,
0.2024

■ 60.7839, 60.6088,
87.0923

■ 60.7839, 60.6088,
87.0923

■ 50.2449, 47.6573,
85.1488

■ 72.9727, 75.6580,
89.3556

■ 41.2793, 36.7031,
83.5070

■ 86.8722, 92.8844,
91.9481

■ 33.8133, 27.6490,
82.1529

■ 91.9956, 98.7782,
92.8157

■ 27.7644, 20.3864,
81.0699

■ 23.0427, 14.7960,
80.2397

■ 19.5474, 10.7438,
79.6417

■ 17.1635, 8.0751,
79.2523

■ 15.7533, 6.6026,
79.0424

■ 15.2990, 6.1546,
78.9799

Harmonies

Analogous

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



56.9628, 60.6088, 89.3965



60.7839, 60.6088, 87.0923



63.8723, 60.6088, 78.8959

Triad

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



60.7839, 60.6088, 87.0923



61.9518, 60.6088, 50.1355



50.5555, 60.6088, 64.1586

Complementary

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



60.7839, 60.6088, 87.0923



73.5317, 80.7911, 66.9798

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.



51.7652, 60.6088, 54.5791



60.7839, 60.6088, 87.0923



58.2557, 60.6088, 47.0778

Square

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



60.7839, 60.6088, 87.0923



64.5673, 60.6088, 57.4535



54.5425, 60.6088, 48.6098



51.1655, 60.6088, 75.3387

Rectangle

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



60.7839, 60.6088, 87.0923



65.0419, 60.6088, 71.6297



54.5425, 60.6088, 48.6098



50.7611, 60.6088, 60.6595

Sweetspot

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



60.7857, 60.6113, 87.0936



88.5426, 91.9424, 107.6877



67.9882, 76.2244, 89.7277



18.6978, 19.3653, 23.0023



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.



60.7857, 60.6113, 87.0936



69.6694, 68.6509, 104.1867



65.6522, 63.1201, 87.3214



14.3543, 14.6124, 18.9862



8.5587, 3.4481, 43.9574



0.7144, 0.2926, 3.4537

Inverse Universe

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



69.7151, 65.2642, 85.2695



82.1367, 75.1484, 101.5896



68.3261, 78.1075, 66.7362



15.6542, 15.2895, 18.7303



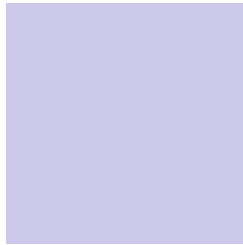
25.8671, 12.5495, 36.6971



2.0480, 0.9922, 2.9703

Previews

White Background



This preview shows how the XYZ color 60.7839, 60.6088, 87.0923 looks on a white background.

Color Contrast Check

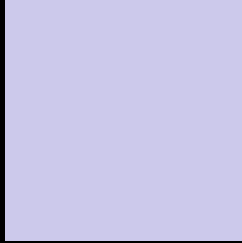
Large Text (above 18pt) WCAG AA × Fail

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 60.7839, 60.6088, 87.0923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

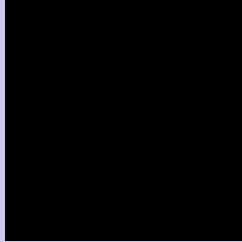
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7839, 60.6088, 87.0923

Background



This preview shows how black text looks on a background with the XYZ color 60.7839, 60.6088, 87.0923.



This preview shows how white text looks on a background with the XYZ color 60.7839, 60.6088,

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

60.7839, 60.6088, 87.0923

Protanopia

59.7850, 60.7738, 87.9364

Deuteranopia

61.7133, 60.4003, 87.0030



Tritanopia

58.5985, 60.7705, 76.3516

Trichromacy



Original Color

60.7839, 60.6088, 87.0923

Protanomaly

60.0803, 60.5765, 87.8828

Deuteranomaly

61.3818, 60.5721, 87.0537

Tritanomaly

59.3037, 60.7047, 79.8257

Monochromacy



Original Color

60.7839, 60.6088, 87.0923

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2941, 61.1746, 74.3284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7839, 60.6088, 87.0923 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(204, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 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(204, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.7839, 60.6088, 87.0923 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(204, 201, 235) }
```


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

```
.border{ border-color:rgb(204, 201, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7839, 60.6088, 87.0923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 235) }
```

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

```
.background{ background-color: rgb(204,  
201, 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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