

Converting Colors

XYZ(60.1057, 60.1114, 86.9888)

Have a look what the booklet for
XYZ(60.1057, 60.1114, 86.9888)
contains.

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Color

**XYZ(60.2392, 60.3280,
87.0668)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9EB
RGB	202, 201, 235
RGB Percent	79%, 79%, 92%
CMY	0.2078, 0.2117, 0.0784
CMYK	0.14, 0.14, 0.00, 0.08
HSL	242°, 46%, 85%
HSV	242°, 14%, 92%
XYZ	60.2392, 60.3280, 87.0668
YIQ	205.1750, -10.3180, 10.7860

Conversions

Conversions Part 2

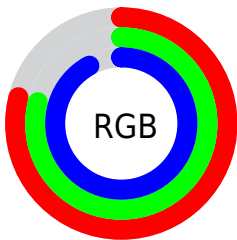
Format	Color
R _Y B	202, 201, 235
Decimal	13289963
CIE Lab	82.02, 7.00, -16.64
CIE LCh	82, 18.056, 292.824
Yxy	60.3280, 0.2901, 0.2905
Android (android.graphics.Color)	4291480043 (0xFFCAC9EB)
YUV	205.1750, 14.7037, -2.7845
Hunter-Lab	77.6711, 2.5144, -12.0924

Details

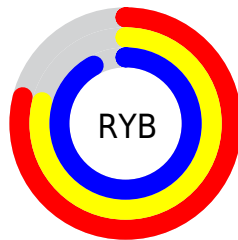
The XYZ color **60.2392, 60.3280, 87.0668** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.1846, 81.1277, 67.0104**, and the grayscale version is **58.0553, 61.0787, 66.5147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7831, 30.4180, 46.8966** is the 20% darker color. If you saturate the color by 10%, you get **49.4524, 47.2487, 85.1117**, and if you desaturate by 10%, it is **72.7800, 75.5587, 89.3466**.

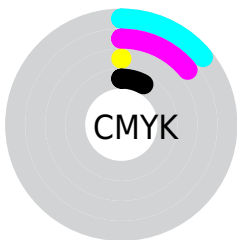
Distribution



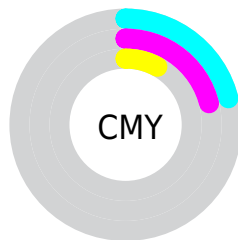
- Red (79%)
- Green (79%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2392, 60.3280, 87.0668 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 60.2392, 60.3280, 87.0668 by changing the saturation by 10% instead.

■ 60.2392, 60.3280,
87.0668

■ 60.2392, 60.3280,
87.0668

415.2995,
425.8057, 538.7643

■ 43.8617, 43.6831,
64.9905

104.2810,
105.3053, 145.1569

■ 30.7592, 30.4214,
47.0021

132.6759,
134.4065, 182.0079

■ 20.5665, 20.1587,
32.6830

165.8073,
168.4286, 224.6208

■ 12.9181, 12.5104,
21.6146

204.0406,
207.7559, 273.4143

■ 7.4488, 7.0923,
13.3784

247.7411,
252.7729, 328.8069

■ 3.7931, 3.5199,
7.5558

297.2742,

■ 1.5858, 1.4088,

303.8639, 391.2170

3.7284

353.0052,
361.4134, 461.0633

■ 0.3831, 0.2232,
1.4776

■ 0.0000, 0.0000,
0.2011

■ 60.2392, 60.3280,
87.0668

■ 60.2392, 60.3280,
87.0668

■ 49.4524, 47.2487,
85.1117

■ 72.7800, 75.5587,
89.3466

■ 40.3362, 36.2169,
83.4629

■ 87.1423, 93.0236,
91.9607

■ 32.8088, 27.1311,
82.1059

■ 91.9956, 98.7782,
92.8157

■ 26.7792, 19.8785,
81.0237

■ 22.1474, 14.3344,
80.1978

■ 18.8009, 10.3590,
79.6068

■ 16.6102, 7.7899,
79.2264

■ 15.4184, 6.4299,
79.0267

■ 15.0819, 6.0427,
78.9697

Harmonies

Analogous

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



56.4265, 60.3280, 88.8693



60.2392, 60.3280, 87.0668



63.3994, 60.3280, 79.2486

Triad

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



60.2392, 60.3280, 87.0668



61.8980, 60.3280, 50.2986



50.3508, 60.3280, 63.0918

Complementary

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



60.2392, 60.3280, 87.0668



74.1846, 81.1277, 67.0104

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.



51.6795, 60.3280, 53.7680



60.2392, 60.3280, 87.0668



58.2632, 60.3280, 46.9334

Square

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



60.2392, 60.3280, 87.0668



64.3864, 60.3280, 57.8537



54.5353, 60.3280, 48.1292



50.8273, 60.3280, 74.1972

Rectangle

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



60.2392, 60.3280, 87.0668



64.6544, 60.3280, 72.1028



54.5353, 60.3280, 48.1292



50.5991, 60.3280, 59.6634

Sweetspot

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



60.2410, 60.3305, 87.0681



88.3328, 91.8342, 107.6779



68.6309, 77.5098, 89.9419



18.6450, 19.3381, 22.9999



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.



60.2410, 60.3305, 87.0681



68.9242, 68.2667, 104.1518



64.9673, 62.7670, 87.2893



14.2721, 14.5700, 18.9823



8.4121, 3.3725, 43.9506



0.6750, 0.2723, 3.4519

Inverse Universe

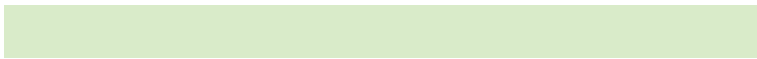
The Inverse Universe completely reimagines the original color for something new.



70.0008, 65.3785, 86.7743



82.5419, 75.3105, 103.7233



68.9970, 78.4533, 66.7676



15.6946, 15.3057, 18.9431



26.8781, 12.9539, 42.0211



2.1166, 1.0196, 3.3315

Previews

White Background



This preview shows how the XYZ color 60.2392, 60.3280, 87.0668 looks on a white background.

Color Contrast Check

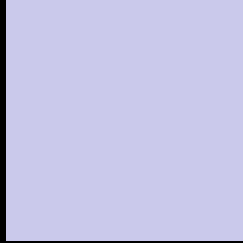
Large Text (above 18pt) WCAG AA × Fail

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 60.2392, 60.3280, 87.0668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

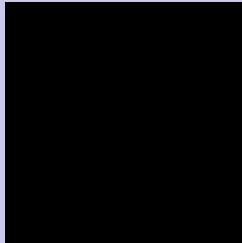
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2392, 60.3280, 87.0668

Background



This preview shows how black text looks on a background with the XYZ color 60.2392, 60.3280, 87.0668.



This preview shows how white text looks on a background with the XYZ color 60.2392, 60.3280,

87.0668.

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

60.2392, 60.3280, 87.0668

Protanopia

59.5496, 60.3030, 87.8579

Deuteranopia

61.7133, 60.4003, 87.0030



Tritanopia

58.0643, 60.4952, 76.3266

Trichromacy



Original Color

60.2392, 60.3280, 87.0668

Protanomaly

59.8140, 60.4393, 87.8703

Deuteranomaly

61.1033, 60.4285, 87.0406

Tritanomaly

58.7660, 60.4275, 79.8005

Monochromacy



Original Color

60.2392, 60.3280, 87.0668

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8894, 60.9810, 73.6324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2392, 60.3280, 87.0668 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(202, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.2392, 60.3280, 87.0668 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(202, 201, 235) }
```


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

```
.border{ border-color:rgb(202, 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(202, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2392, 60.3280, 87.0668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 235) }
```

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

```
.background{ background-color: rgb(202,  
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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