

Converting Colors

XYZ(60.4165, 60.6702, 86.7920)

Have a look what the booklet for
XYZ(60.4165, 60.6702, 86.7920)
contains.

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Color

**XYZ(60.4730, 60.7958,
87.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	CACAEB
RGB	202, 202, 235
RGB Percent	79%, 79%, 92%
CMY	0.2078, 0.2078, 0.0784
CMYK	0.14, 0.14, 0.00, 0.08
HSL	240°, 45%, 86%
HSV	240°, 14%, 92%
XYZ	60.4730, 60.7958, 87.1447
YIQ	205.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

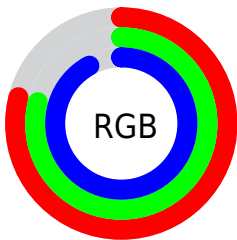
Format	Color
R _Y B	202, 202, 235
Decimal	13290219
CIE Lab	82.27, 6.47, -16.26
CIE LCh	82, 17.501, 291.695
Yxy	60.7958, 0.2902, 0.2917
Android (android.graphics.Color)	4291480299 (0xFFCACAEB)
YUV	205.7620, 14.4143, -3.2993
Hunter-Lab	77.9717, 1.9900, -11.6851

Details

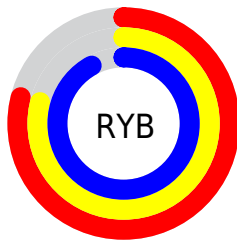
The XYZ color **60.4730, 60.7958, 87.1447** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.6301, 81.3425, 67.6456**, and the grayscale version is **58.4312, 61.4742, 66.9454**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9393, 30.7304, 46.9487** is the 20% darker color. If you saturate the color by 10%, you get **49.4924, 47.5654, 85.1707**, and if you desaturate by 10%, it is **73.2650, 76.2093, 89.4466**.

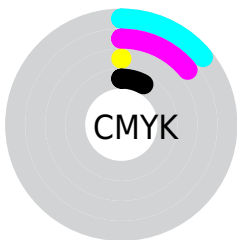
Distribution



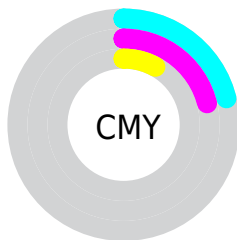
- Red (79%)
- Green (79%)
- Blue (92%)



- 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 60.4730, 60.7958, 87.1447 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 60.4730, 60.7958, 87.1447 by changing the saturation by 10% instead.

■ 60.4730, 60.7958,
87.1447

■ 60.4730, 60.7958,
87.1447

416.1459,
427.5249, 539.0268

■ 44.0509, 44.0604,
65.0547

104.6180,
105.9832, 145.2665

■ 30.9086, 30.7180,
47.0538

133.0715,
135.2040, 182.1352

■ 20.6808, 20.3842,
32.7235

166.2663,
169.3554, 224.7674

■ 13.0020, 12.6746,
21.6453

204.5677,
208.8218, 273.5814

■ 7.5069, 7.2049,
13.4007

248.3410,
253.9875, 328.9957

■ 3.8302, 3.5906,
7.5711

297.9515,

■ 1.6065, 1.4473,

305.2370, 391.4291

3.7379

353.7647,
362.9547, 461.2999

■ 0.3967, 0.2512,
1.4827

■ 0.0000, 0.0000,
0.2050

■ 60.4730, 60.7958,
87.1447

■ 60.4730, 60.7958,
87.1447

■ 49.4924, 47.5654,
85.1707

■ 73.2650, 76.2093,
89.4466

■ 40.2362, 36.4125,
83.5058

■ 87.9393, 93.8903,
92.0859

■ 32.6185, 27.2337,
82.1356

■ 91.9956, 98.7782,
92.8156

■ 26.5439, 19.9142,
81.0430

■ 21.9071, 14.3270,
80.2089

■ 18.5897, 10.3295,
79.6122

■ 16.4544, 7.7565,
79.2281

■ 15.3340, 6.4062,
79.0265

■ 14.9958, 5.9987,
78.9657

Harmonies

Analogous

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



56.7561, 60.7958, 88.6401



60.4730, 60.7958, 87.1447



63.5895, 60.7958, 79.7432

Triad

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



60.4730, 60.7958, 87.1447



62.3391, 60.7958, 51.3685



50.9828, 60.7958, 63.2771

Complementary

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



60.4730, 60.7958, 87.1447



74.6301, 81.3425, 67.6456

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.



52.3441, 60.7958, 54.2777



60.4730, 60.7958, 87.1447



58.8254, 60.7958, 47.9020

Square

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



60.4730, 60.7958, 87.1447



64.6987, 60.7958, 58.8991



55.1771, 60.7958, 48.9067



51.3815, 60.7958, 74.0725

Rectangle

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



60.4730, 60.7958, 87.1447



64.8551, 60.7958, 72.8505



55.1771, 60.7958, 48.9067



51.2476, 60.7958, 59.9602

Sweetspot

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



60.4749, 60.7983, 87.1461



88.2286, 91.7809, 107.6731



68.9825, 77.9407, 89.5905



18.6188, 19.3246, 22.9987



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.



60.4749, 60.7983, 87.1461



68.5576, 68.0791, 104.1349



65.0155, 63.1382, 87.3584



14.2314, 14.5492, 18.9804



8.3458, 3.3386, 43.9475



0.6554, 0.2622, 3.4509

Inverse Universe

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



66.0436, 64.1688, 64.7850



76.5361, 72.9082, 72.0973



69.5985, 78.7498, 67.4103



15.0656, 15.0541, 15.6307



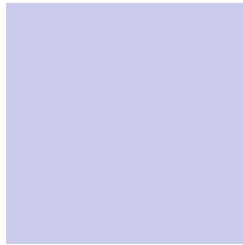
19.0679, 9.8298, 0.8928



1.4973, 0.7719, 0.0702

Previews

White Background



This preview shows how the XYZ color 60.4730, 60.7958, 87.1447 looks on a white background.

Color Contrast Check

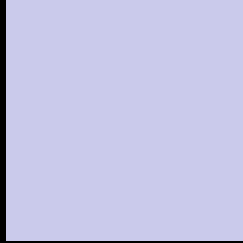
Large Text (above 18pt) WCAG AA × Fail

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 60.4730, 60.7958, 87.1447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

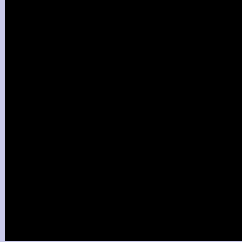
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4730, 60.7958, 87.1447

Background



This preview shows how black text looks on a background with the XYZ color 60.4730, 60.7958, 87.1447.



This preview shows how white text looks on a background with the XYZ color 60.4730, 60.7958,

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

60.4730, 60.7958, 87.1447

Protanopia

60.0494, 60.9101, 87.9488

Deuteranopia

62.1421, 60.6046, 87.7795



Tritanopia

58.4634, 60.6855, 77.0387

Trichromacy



Original Color

60.4730, 60.7958, 87.1447

Protanomaly

60.3157, 61.0474, 87.9612

Deuteranomaly

61.5267, 60.6301, 87.8168

Tritanomaly

59.1708, 60.6204, 80.5338

Monochromacy



Original Color

60.4730, 60.7958, 87.1447

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.5325, 61.6515, 74.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4730, 60.7958, 87.1447 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, 202, 235)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 60.4730, 60.7958, 87.1447 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, 202, 235) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 60.4730, 60.7958, 87.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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