

Converting Colors

XYZ(59.9360, 66.9912, 78.7735)

Have a look what the booklet for
XYZ(59.9360, 66.9912, 78.7735)
contains.

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Color

**XYZ(60.0022, 67.0133,
78.8797)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDBDE
RGB	191, 219, 222
RGB Percent	75%, 86%, 87%
CMY	0.2510, 0.1412, 0.1294
CMYK	0.14, 0.01, 0.00, 0.13
HSL	186°, 32%, 81%
HSV	186°, 14%, 87%
XYZ	60.0022, 67.0133, 78.8797
YIQ	210.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

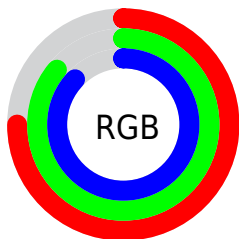
Format	Color
RYB	191, 206, 222
Decimal	12573662
CIELab	85.51, -8.62, -4.61
CIELCh	86, 9.776, 208.109
Yxy	67.0133, 0.2914, 0.3255
Android (android.graphics.Color)	4290763742 (0xFFBFDBDE)
YUV	210.9700, 5.4378, -17.5137
Hunter-Lab	81.8617, -12.4226, 0.1729

Details

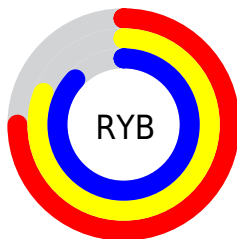
The XYZ color **60.0022, 67.0133, 78.8797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8205, 57.8747, 57.3622**, and the grayscale version is **61.8722, 65.0944, 70.8878**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **30.5670, 34.6593, 41.6381** is the 20% darker color. If you saturate the color by 10%, you get **54.2811, 63.2398, 78.4539**, and if you desaturate by 10%, it is **66.5806, 71.2430, 79.3505**.

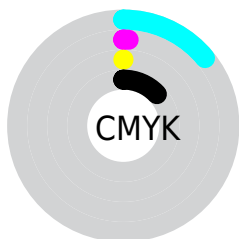
Distribution



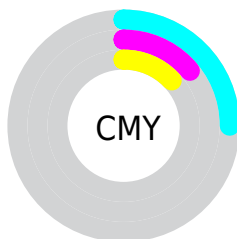
- Red (75%)
- Green (86%)
- Blue (87%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0022, 67.0133, 78.8797 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 60.0022, 67.0133, 78.8797 by changing the saturation by 10% instead.

■ 60.0022, 67.0133,
78.8797

■ 60.0022, 67.0133,
78.8797

414.4405,
449.9921, 510.7561

■ 43.6699, 49.0954,
58.2762

■ 103.9392,
114.9395, 133.5866

■ 30.6079, 34.6952,
41.6145

132.2746,
145.7166, 168.5271

■ 20.4508, 23.4282,
28.4763

165.3417,
181.5489, 209.0836

■ 12.8333, 14.9100,
18.4428

203.5058,
222.8207, 255.6748

■ 7.3901, 8.7562,
11.0957

247.1325,
269.9166, 308.7190

■ 3.7557, 4.5825,
6.0162

296.5869,

■ 1.5649, 2.0045,

323.2209, 368.6350

2.7860

352.2344,
383.1179, 435.8412

■ 0.3694, 0.6101,
0.9864

■ 0.0000, 0.0000,
0.0000

■ 60.0022, 67.0133,
78.8797

■ 60.0022, 67.0133,
78.8797

■ 54.2811, 63.2398,
78.4539

■ 66.5806, 71.2430,
79.3505

■ 49.3735, 59.8946,
78.0669

■ 74.0462, 75.9391,
79.8634

■ 45.2405, 56.9594,
77.7182

■ 81.4703, 80.6245,
80.3765

■ 41.8377, 54.4111,
77.4057

■ 82.0557, 81.7954,
80.5716

39.1159, 52.2246,
77.1271

82.6484, 82.9808,
80.7692

37.0203, 50.3713,
76.8798

83.2485, 84.1810,
80.9692

35.4870, 48.8184,
76.6609

83.8560, 85.3960,
81.1717

34.4386, 47.5260,
76.4667

84.4709, 86.6257,
81.3767

33.9643, 46.8325,
76.3578

85.0932, 87.8703,
81.5841

Harmonies

Analogous

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



59.5218, 67.0133, 72.5635



60.0022, 67.0133, 78.8797



61.4652, 67.0133, 83.8474

Triad

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



60.0022, 67.0133, 78.8797



67.3881, 67.0133, 79.6179



63.8351, 67.0133, 61.4156

Complementary

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



60.0022, 67.0133, 78.8797



58.8205, 57.8747, 57.3622

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.



65.9763, 67.0133, 63.0695



60.0022, 67.0133, 78.8797



68.0570, 67.0133, 73.3702

Square

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



60.0022, 67.0133, 78.8797



65.7268, 67.0133, 84.2907



67.5345, 67.0133, 67.3557



61.7038, 67.0133, 62.7041

Rectangle

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



60.0022, 67.0133, 78.8797



62.8185, 67.0133, 85.5963



67.5345, 67.0133, 67.3557



64.5778, 67.0133, 61.6438

Sweetspot

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



60.0041, 67.0161, 78.8812



91.0827, 97.4890, 108.6244



57.2992, 67.1965, 60.7454



19.3405, 20.7681, 23.2392



0.0000, 0.0000, 0.0000



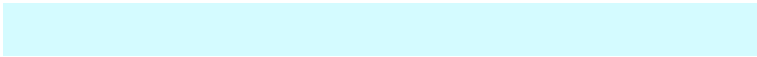
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0041, 67.0161, 78.8812



79.5381, 90.0401, 107.7951



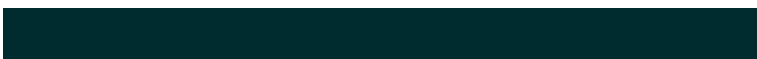
56.2449, 59.4977, 77.6281



13.9974, 15.3339, 17.6097



20.2192, 27.9080, 45.3695



1.4348, 2.0011, 3.1559

Inverse Universe

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



61.5427, 57.9071, 74.9545



82.0786, 75.1252, 101.2836



62.3503, 64.9343, 58.5388



14.2349, 13.9116, 17.0072



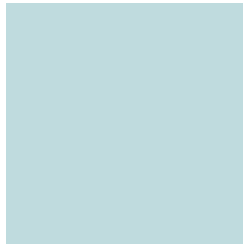
24.1459, 11.7254, 33.7639



1.6905, 0.8195, 2.4289

Previews

White Background



This preview shows how the XYZ color 60.0022, 67.0133, 78.8797 looks on a white background.

Color Contrast Check

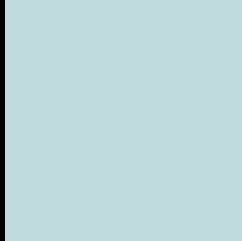
Large Text (above 18pt) WCAG AA × Fail

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 60.0022, 67.0133, 78.8797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

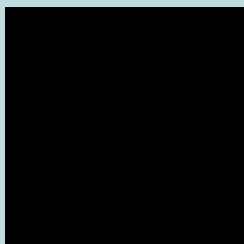
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

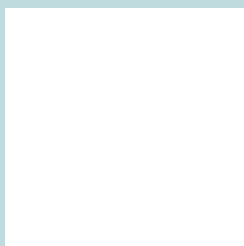
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0022, 67.0133, 78.8797

Background



This preview shows how black text looks on a background with the XYZ color 60.0022, 67.0133, 78.8797.



This preview shows how white text looks on a background with the XYZ color 60.0022, 67.0133,

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

60.0022, 67.0133, 78.8797

Protanopia

64.5173, 66.7479, 75.8129

Deuteranopia

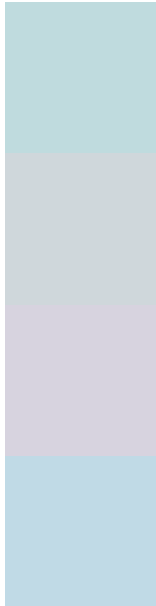
68.0805, 66.6655, 79.8005



Tritanopia

61.6565, 66.9037, 87.5060

Trichromacy



Original Color

60.0022, 67.0133, 78.8797

Protanomaly

62.8187, 66.9807, 76.6355

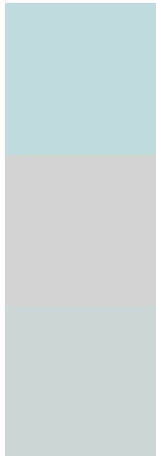
Deuteranomaly

64.6379, 66.3633, 79.2147

Tritanomaly

61.0926, 67.0624, 84.5873

Monochromacy



Original Color

60.0022, 67.0133, 78.8797

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2141, 65.8368, 73.7714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0022, 67.0133, 78.8797 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(191, 219, 222)` looks like.

```
.text, #text, p{  
    color:rgb(191, 219, 222)  
}
```

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(191, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.0022, 67.0133, 78.8797 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(191, 219, 222) }
```


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

```
.border{ border-color:rgb(191, 219, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(191, 219,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0022, 67.0133, 78.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 222) }
```

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

```
.background{ background-color: rgb(191,  
219, 222) }
```

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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