

Converting Colors

XYZ(60.2354, 67.1595, 82.4622)

Have a look what the booklet for
XYZ(60.2354, 67.1595, 82.4622)
contains.

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Color

**XYZ(60.1829, 67.0279,
82.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBE3
RGB	189, 219, 227
RGB Percent	74%, 86%, 89%
CMY	0.2588, 0.1412, 0.1098
CMYK	0.17, 0.04, 0.00, 0.11
HSL	193°, 40%, 82%
HSV	193°, 17%, 89%
XYZ	60.1829, 67.0279, 82.4387
YIQ	210.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

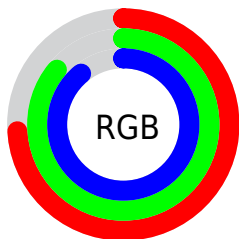
Format	Color
RYB	189, 206, 227
Decimal	12442595
CIELab	85.52, -8.22, -7.26
CIELCh	86, 10.967, 221.417
Yxy	67.0279, 0.2871, 0.3197
Android (android.graphics.Color)	4290632675 (0xFFBDDBE3)
YUV	210.9420, 7.9166, -19.2431
Hunter-Lab	81.8706, -12.0585, -2.3920

Details

The XYZ color **60.1829, 67.0279, 82.4387** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.8306, 59.9374, 56.5084**, and the grayscale version is **61.8392, 65.0597, 70.8500**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.7135, 34.6804, 44.1049** is the 20% darker color. If you saturate the color by 10%, you get **53.7588, 61.8941, 81.7874**, and if you desaturate by 10%, it is **67.5280, 72.6931, 83.1461**.

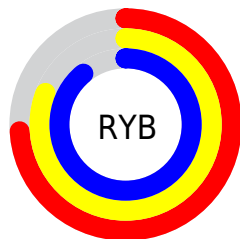
Distribution



Red (74%)

Green (86%)

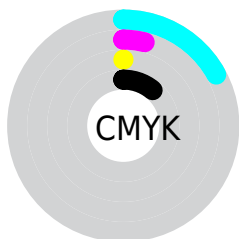
Blue (89%)



Red (74%)

Yellow (81%)

Blue (89%)

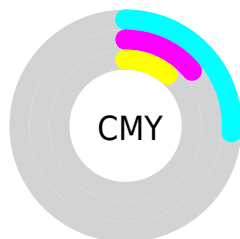


Cyan (17%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1829, 67.0279, 82.4387 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 60.1829, 67.0279, 82.4387 by changing the saturation by 10% instead.

60.1829, 67.0279,
82.4387

60.1829, 67.0279,
82.4387

415.0956,
450.0441, 523.0359

43.8161, 49.1073,
61.1893

104.1998,
114.9604, 138.6312

30.7232, 34.7046,
43.9464

132.5806,
145.7411, 174.4114

20.5390, 23.4354,
30.2915

165.6967,
181.5772, 215.8723

12.8980, 14.9153,
19.8060

203.9136,
222.8533, 263.4324

7.4348, 8.7600,
12.0714

247.5966,
269.9536, 317.5103

3.7842, 4.5850,
6.6692

297.1110,

1.5808, 2.0059,

323.2625, 378.5245

3.1808

352.8222,
383.1646, 446.8935

■ 0.3799, 0.6109,
1.1877

■ 0.0000, 0.0000,
0.0000

■ 60.1829, 67.0279,
82.4387

■ 60.1829, 67.0279,
82.4387

■ 53.7588, 61.8941,
81.7874

■ 67.5280, 72.6931,
83.1461

■ 48.2086, 57.2618,
81.1858

■ 75.8268, 78.9016,
83.9071

■ 43.4899, 53.1104,
80.6332

■ 84.3395, 85.2745,
84.6885

■ 39.5543, 49.4144,
80.1273

■ 85.7129, 88.0212,
85.1463

■ 36.3481, 46.1457,
79.6653

■ 87.1232, 90.8418,
85.6164

■ 33.8106, 43.2727,
79.2445

■ 88.5707, 93.7368,
86.0989

■ 31.8710, 40.7582,
78.8614

■ 90.0556, 96.7067,
86.5939

■ 30.4386, 38.5551,
78.5117

■ 90.8653, 98.3261,
86.8638

■ 30.0315, 37.8784,
78.4025

Harmonies

Analogous

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



59.1271, 67.0279, 75.7314



60.1829, 67.0279, 82.4387



62.1937, 67.0279, 86.7729

Triad

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



60.1829, 67.0279, 82.4387



68.3571, 67.0279, 77.4417



62.7645, 67.0279, 60.3438

Complementary

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



60.1829, 67.0279, 82.4387



60.8306, 59.9374, 56.5084

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.



65.2467, 67.0279, 60.7356



60.1829, 67.0279, 82.4387



68.5197, 67.0279, 70.3000

Square

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



60.1829, 67.0279, 82.4387



66.9297, 67.0279, 83.7608



67.3681, 67.0279, 64.2776



60.5914, 67.0279, 63.1700

Rectangle

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



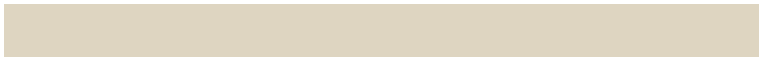
60.1829, 67.0279, 82.4387



63.8265, 67.0279, 87.5734



67.3681, 67.0279, 64.2776



63.5896, 67.0279, 60.1087

Sweetspot

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



60.1849, 67.0307, 82.4402



89.6638, 95.9615, 108.4044



58.4888, 69.7710, 62.9691



19.0352, 20.4213, 23.1884



0.0000, 0.0000, 0.0000



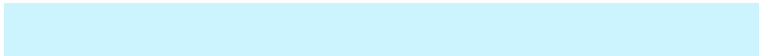
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1849, 67.0307, 82.4402



75.3830, 84.9196, 107.0258



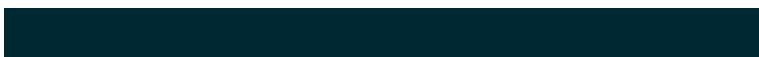
55.5997, 57.8602, 80.9118



14.5365, 15.7943, 18.4268



17.6015, 22.2651, 45.7531



1.3654, 1.7747, 3.4026

Inverse Universe

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



62.6639, 57.8420, 74.8829



79.2026, 70.9936, 95.3295



65.3185, 68.9132, 58.0043



14.8584, 14.5605, 17.4546



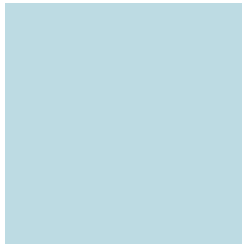
23.2779, 11.4454, 26.1563



1.7528, 0.8588, 2.1048

Previews

White Background



This preview shows how the XYZ color 60.1829, 67.0279, 82.4387 looks on a white background.

Color Contrast Check

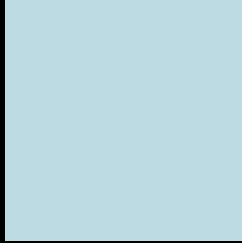
Large Text (above 18pt) WCAG AA × Fail

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 60.1829, 67.0279, 82.4387 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 60.1829, 67.0279, 82.4387

Background



This preview shows how black text looks on a background with the XYZ color 60.1829, 67.0279, 82.4387.



This preview shows how white text looks on a background with the XYZ color 60.1829, 67.0279,

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

60.1829, 67.0279, 82.4387

Protanopia

64.5943, 66.7108, 79.2840

Deuteranopia

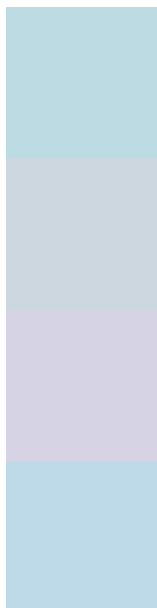
68.1342, 66.6137, 83.3954



Tritanopia

61.5527, 67.2173, 88.3273

Trichromacy



Original Color

60.1829, 67.0279, 82.4387

Protanomaly

62.9318, 66.9618, 80.1291

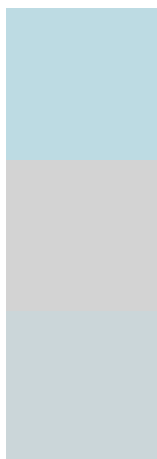
Deuteranomaly

64.7384, 66.3361, 82.7909

Tritanomaly

60.8721, 66.9162, 86.0517

Monochromacy



Original Color

60.1829, 67.0279, 82.4387

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1996, 65.7994, 75.1206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1829, 67.0279, 82.4387 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(189, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 227)  
}
```

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(189, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.1829, 67.0279, 82.4387 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(189, 219, 227) }
```


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

```
.border{ border-color:rgb(189, 219, 227) }
```

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

Here you see how a box with a 4 pixel rgb(189, 219, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1829, 67.0279, 82.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 227) }
```

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

```
.background{ background-color: rgb(189,  
219, 227) }
```

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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