

Converting Colors

XYZ(59.8848, 69.1127, 82.8207)

Have a look what the booklet for
XYZ(59.8848, 69.1127, 82.8207)
contains.

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Color

**XYZ(60.0817, 69.3416,
82.8907)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E1E3
RGB	182, 225, 227
RGB Percent	71%, 88%, 89%
CMY	0.2863, 0.1176, 0.1098
CMYK	0.20, 0.01, 0.00, 0.11
HSL	183°, 45%, 80%
HSV	183°, 20%, 89%
XYZ	60.0817, 69.3416, 82.8907
YIQ	212.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

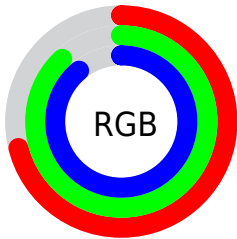
Format	Color
RYB	182, 204, 227
Decimal	11985379
CIELab	86.67, -13.44, -5.60
CIELCh	87, 14.561, 202.602
Yxy	69.3416, 0.2830, 0.3266
Android (android.graphics.Color)	4290175459 (0xFFB6E1E3)
YUV	212.3710, 7.2121, -26.6354
Hunter-Lab	83.2716, -16.9349, -0.7287

Details

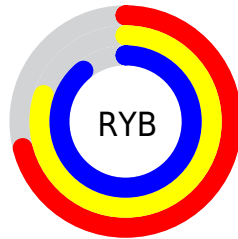
The XYZ color **60.0817, 69.3416, 82.8907** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2630, 53.9892, 51.6599**, and the grayscale version is **62.7937, 66.0639, 71.9436**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.7232, 36.3172, 44.4204** is the 20% darker color. If you saturate the color by 10%, you get **54.8783, 66.2579, 82.5709**, and if you desaturate by 10%, it is **66.1597, 72.8822, 83.2549**.

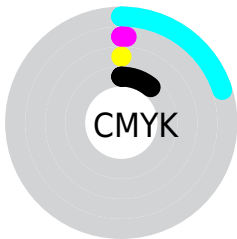
Distribution



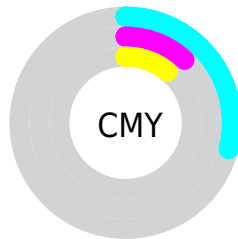
- Red (71%)
- Green (88%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0817, 69.3416, 82.8907 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 60.0817, 69.3416, 82.8907 by changing the saturation by 10% instead.

60.0817, 69.3416,
82.8907

60.0817, 69.3416,
82.8907

414.7288,
458.2349, 524.5836

43.7342, 50.9900,
61.5599

104.0538,
118.2694, 139.2702

30.6586, 36.2006,
44.2437

132.4092,
149.6143, 175.1560

20.4896, 24.5892,
30.5235

165.4979,
186.0590, 216.7306

12.8617, 15.7712,
19.9809

203.6853,
227.9881, 264.4125

7.4098, 9.3624,
12.1972

247.3367,
275.7858, 318.6202

3.7683, 4.9783,
6.7540

296.8175,

1.5719, 2.2346,

329.8366, 379.7722

3.2326

352.4931,
390.5248, 448.2872

■ 0.3740, 0.7387,
1.2146

■ 0.0000, 0.0000,
0.0000

■ 60.0817, 69.3416,
82.8907

■ 60.0817, 69.3416,
82.8907

■ 54.8783, 66.2579,
82.5709

■ 66.1597, 72.8822,
83.2549

■ 50.5017, 63.6009,
82.2887

■ 73.1454, 76.8913,
83.6605

■ 46.9087, 61.3503,
82.0436

■ 81.0772, 81.3906,
84.1109

■ 44.0496, 59.4804,
81.8334

■ 83.1341, 82.8636,
84.2868

41.8692, 57.9628,
81.6554

83.4137, 83.4228,
84.3800

40.3044, 56.7649,
81.5067

83.6949, 83.9852,
84.4738

39.2803, 55.8481,
81.3837

83.9777, 84.5509,
84.5681

38.6693, 55.1466,
81.2805

84.2622, 85.1199,
84.6629

38.6597, 55.1349,
81.2787

84.5483, 85.6921,
84.7582

Harmonies

Analogous

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



59.6638, 69.3416, 73.1275



60.0817, 69.3416, 82.8907



62.0344, 69.3416, 91.2913

Triad

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



60.0817, 69.3416, 82.8907



71.2117, 69.3416, 87.3919



66.7483, 69.3416, 58.4908

Complementary

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



60.0817, 69.3416, 82.8907



57.2630, 53.9892, 51.6599

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.



69.9378, 69.3416, 61.6457



60.0817, 69.3416, 82.8907



72.5714, 69.3416, 77.9257

Square

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



60.0817, 69.3416, 82.8907



68.4392, 69.3416, 94.0412



72.0974, 69.3416, 68.5645



63.4383, 69.3416, 59.5736

Rectangle

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



60.0817, 69.3416, 82.8907



63.9810, 69.3416, 94.7127



72.0974, 69.3416, 68.5645



67.8715, 69.3416, 59.0809

Sweetspot

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



60.0837, 69.3444, 82.8923



89.4272, 96.7804, 108.5749



55.3610, 68.3242, 55.3443



19.0158, 20.6429, 23.2322



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.



60.0837, 69.3444, 82.8923



75.1466, 88.4623, 107.7220



54.5136, 58.2042, 81.0356



14.7498, 16.2209, 18.4979



22.5697, 32.2015, 47.4091



1.6849, 2.4137, 3.5091

Inverse Universe

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



61.9987, 55.2244, 78.6292



78.1031, 66.8009, 101.1092



62.1945, 63.8521, 53.3038



14.9660, 14.6036, 18.0215



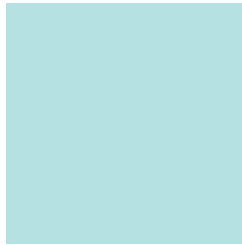
25.7856, 12.4485, 39.3617



1.9141, 0.9233, 2.9540

Previews

White Background



This preview shows how the XYZ color 60.0817, 69.3416, 82.8907 looks on a white background.

Color Contrast Check

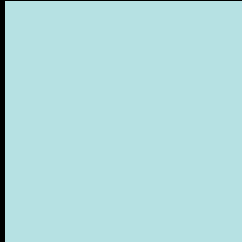
Large Text (above 18pt) WCAG AA × Fail

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 60.0817, 69.3416, 82.8907 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

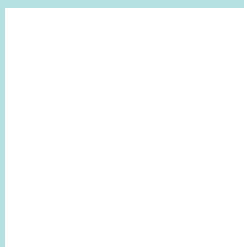
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0817, 69.3416, 82.8907

Background



This preview shows how black text looks on a background with the XYZ color 60.0817, 69.3416, 82.8907.



This preview shows how white text looks on a background with the XYZ color 60.0817, 69.3416,

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

60.0817, 69.3416, 82.8907

Protanopia

66.5650, 68.8814, 78.1937

Deuteranopia

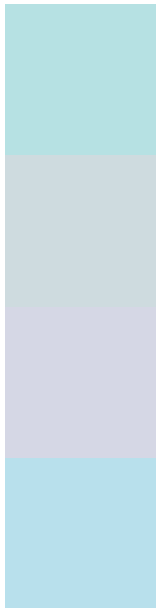
70.2845, 68.7953, 84.4373



Tritanopia

62.2724, 69.4405, 93.3403

Trichromacy



Original Color

60.0817, 69.3416, 82.8907

Protanomaly

64.1044, 69.1126, 79.7734

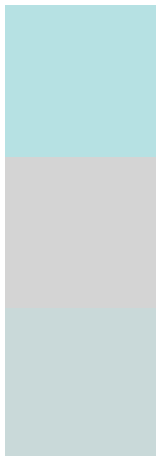
Deuteranomaly

65.8839, 68.4042, 83.8596

Tritanomaly

61.5631, 69.5578, 89.5382

Monochromacy



Original Color

60.0817, 69.3416, 82.8907

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4246, 67.0530, 75.3507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0817, 69.3416, 82.8907 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(182, 225, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 225, 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(182, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.0817, 69.3416, 82.8907 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(182, 225, 227) }
```


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

```
.border{ border-color:rgb(182, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 225,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0817, 69.3416, 82.8907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 225, 227) }
```

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

```
.background{ background-color: rgb(182,  
225, 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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