

Converting Colors

XYZ(61.5168, 69.2513, 84.2533)

Have a look what the booklet for
XYZ(61.5168, 69.2513, 84.2533)
contains.

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Color

**XYZ(61.5168, 69.2513,
84.2533)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDFE5
RGB	189, 223, 229
RGB Percent	74%, 87%, 90%
CMY	0.2588, 0.1255, 0.1020
CMYK	0.17, 0.03, 0.00, 0.10
HSL	189°, 43%, 82%
HSV	189°, 17%, 90%
XYZ	61.5168, 69.2513, 84.2533
YIQ	213.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

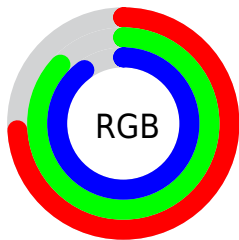
Format	Color
RYB	189, 207, 229
Decimal	12443621
CIELab	86.63, -9.86, -6.67
CIELCh	87, 11.904, 214.068
Yxy	69.2513, 0.2861, 0.3221
Android (android.graphics.Color)	4290633701 (0xFFBDDFE5)
YUV	213.5180, 7.6326, -21.5023
Hunter-Lab	83.2174, -13.6778, -1.7759

Details

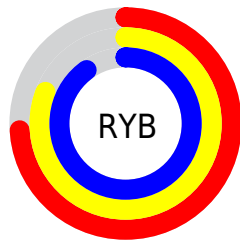
The XYZ color **61.5168, 69.2513, 84.2533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.0141, 59.3624, 56.3877**, and the grayscale version is **63.5555, 66.8653, 72.8163**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.6343, 36.2122, 45.3667** is the 20% darker color. If you saturate the color by 10%, you get **55.3712, 64.7369, 83.7070**, and if you desaturate by 10%, it is **68.5819, 74.2710, 84.8509**.

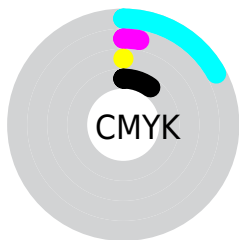
Distribution



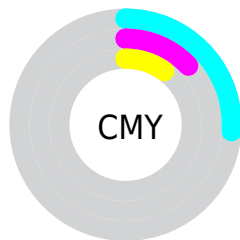
- Red (74%)
- Green (87%)
- Blue (90%)



- Red (74%)
- Yellow (81%)
- Blue (90%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5168, 69.2513, 84.2533 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 61.5168, 69.2513, 84.2533 by changing the saturation by 10% instead.

61.5168, 69.2513,
84.2533

61.5168, 69.2513,
84.2533

419.9120,
457.9168, 529.2340

44.8965, 50.9164,
62.6780

106.1207,
118.1404, 141.1943

31.5768, 36.1421,
45.1414

134.8351,
149.4635, 177.3971

21.1925, 24.5439,
31.2251

168.3115,
185.8846, 219.3129

13.3780, 15.7376,
20.5104

206.9154,
227.7884, 267.3600

7.7682, 9.3387,
12.5789

251.0120,
275.5591, 321.9572

3.9975, 4.9627,
7.0119

300.9667,

1.7007, 2.2254,

329.5811, 383.5229

3.3910

357.1450,
390.2389, 452.4756

■ 0.4567, 0.7338,
1.2976

■ 0.0000, 0.0000,
0.0598

■ 61.5168, 69.2513,
84.2533

■ 61.5168, 69.2513,
84.2533

■ 55.3712, 64.7369,
83.7070

■ 68.5819, 74.2710,
84.8509

■ 50.0970, 60.6974,
83.2052

■ 76.5999, 79.8078,
85.4971

■ 45.6507, 57.1119,
82.7475

■ 84.6083, 85.3677,
86.1481

■ 41.9828, 53.9549,
82.3315

■ 85.5914, 87.3340,
86.4758

■ 39.0382, 51.1977,
81.9545

■ 86.5936, 89.3383,
86.8099

■ 36.7544, 48.8079,
81.6136

■ 87.6149, 91.3809,
87.1503

■ 35.0582, 46.7477,
81.3053

■ 88.6554, 93.4620,
87.4972

■ 33.8515, 44.9664,
81.0251

■ 89.7153, 95.5817,
87.8505

■ 33.5839, 44.5389,
80.9567

■ 90.7946, 97.7403,
88.2102

Harmonies

Analogous

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



60.6618, 69.2513, 76.4877



61.5168, 69.2513, 84.2533



63.5247, 69.2513, 89.9339

Triad

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



61.5168, 69.2513, 84.2533



70.7167, 69.2513, 82.2558



65.4450, 69.2513, 61.2186

Complementary

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



61.5168, 69.2513, 84.2533



61.0141, 59.3624, 56.3877

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.



68.1725, 69.2513, 62.5280



61.5168, 69.2513, 84.2533



71.2653, 69.2513, 74.3284

Square

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



61.5168, 69.2513, 84.2533



68.8431, 69.2513, 88.7252



70.3220, 69.2513, 67.1951



62.8892, 69.2513, 63.4858

Rectangle

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



61.5168, 69.2513, 84.2533



65.2736, 69.2513, 91.5755



70.3220, 69.2513, 67.1951



66.3720, 69.2513, 61.2561

Sweetspot

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



61.5188, 69.2542, 84.2549



89.9070, 96.4479, 108.4854



58.7819, 70.7687, 61.7984



19.0945, 20.5399, 23.2082



0.0000, 0.0000, 0.0000



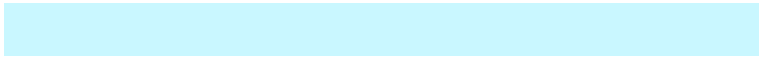
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5188, 69.2542, 84.2549



75.5106, 86.2040, 107.2670



56.6441, 59.5048, 82.6300



14.6137, 15.9488, 18.4525



19.2720, 25.6060, 46.3099



1.4743, 1.9926, 3.4389

Inverse Universe

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



63.8316, 58.3824, 77.7199



79.0158, 69.9570, 97.3111



65.6306, 68.5955, 57.9266



14.8973, 14.5761, 17.6598



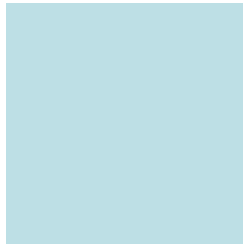
24.1211, 11.7827, 30.5964



1.8078, 0.8808, 2.3944

Previews

White Background



This preview shows how the XYZ color 61.5168, 69.2513, 84.2533 looks on a white background.

Color Contrast Check

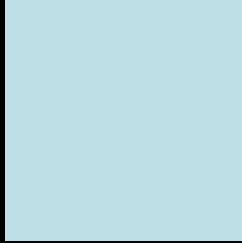
Large Text (above 18pt) WCAG AA × Fail

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 61.5168, 69.2513, 84.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

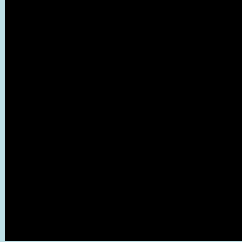
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5168, 69.2513, 84.2533

Background



This preview shows how black text looks on a background with the XYZ color 61.5168, 69.2513, 84.2533.

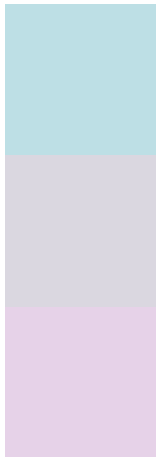


This preview shows how white text looks on a background with the XYZ color 61.5168, 69.2513,

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

61.5168, 69.2513, 84.2533

Protanopia

66.6684, 68.8881, 80.3039

Deuteranopia

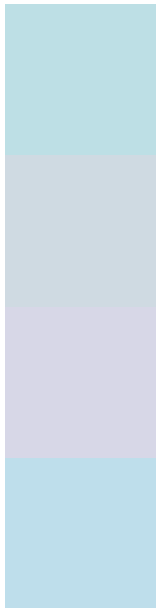
70.2452, 68.7424, 85.9102



Tritanopia

62.9223, 69.0213, 91.6674

Trichromacy



Original Color

61.5168, 69.2513, 84.2533

Protanomaly

64.5310, 68.8992, 81.8492

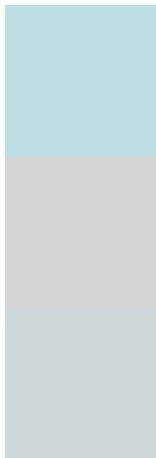
Deuteranomaly

66.7486, 68.8175, 85.3664

Tritanomaly

62.3519, 69.1879, 88.6656

Monochromacy



Original Color

61.5168, 69.2513, 84.2533

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7759, 67.7193, 76.7803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5168, 69.2513, 84.2533 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, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(189, 223, 229)  
}
```

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, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 223, 229) }
```

Border

The CSS property to change the border of an element to XYZ 61.5168, 69.2513, 84.2533 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, 223, 229) }
```


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

```
.border{ border-color:rgb(189, 223, 229) }
```

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

Here you see how a box with a 4 pixel rgb(189, 223, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(189, 223,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5168, 69.2513, 84.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 223, 229) }
```

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

```
.background{ background-color: rgb(189,  
223, 229) }
```

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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