

Converting Colors

XYZ(59.9861, 69.3673, 82.1616)

Have a look what the booklet for
XYZ(59.9861, 69.3673, 82.1616)
contains.

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Color

**XYZ(59.9441, 69.2865,
82.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E1E2
RGB	182, 225, 226
RGB Percent	71%, 88%, 89%
CMY	0.2863, 0.1176, 0.1137
CMYK	0.19, 0.00, 0.00, 0.11
HSL	181°, 43%, 80%
HSV	181°, 19%, 89%
XYZ	59.9441, 69.2865, 82.1657
YIQ	212.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

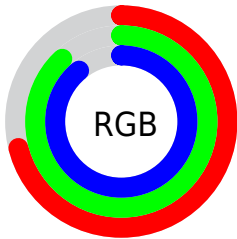
Format	Color
RYB	182, 204, 226
Decimal	11985378
CIELab	86.65, -13.65, -5.11
CIELCh	87, 14.578, 200.516
Yxy	69.2865, 0.2836, 0.3278
Android (android.graphics.Color)	4290175458 (0xFFB6E1E2)
YUV	212.2570, 6.7753, -26.5354
Hunter-Lab	83.2385, -17.1209, -0.2589

Details

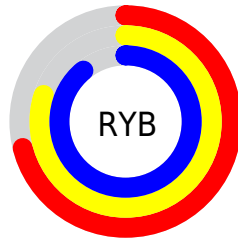
The XYZ color **59.9441, 69.2865, 82.1657** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.7416, 53.4133, 51.5765**, and the grayscale version is **62.7206, 65.9869, 71.8597**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.6275, 36.2789, 43.9164** is the 20% darker color. If you saturate the color by 10%, you get **54.8939, 66.4796, 81.8912**, and if you desaturate by 10%, it is **65.8601, 72.5440, 82.4838**.

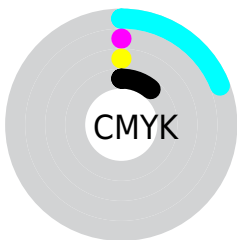
Distribution



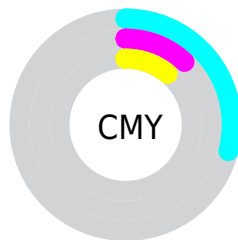
- Red (71%)
- Green (88%)
- Blue (89%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9441, 69.2865, 82.1657 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 59.9441, 69.2865, 82.1657 by changing the saturation by 10% instead.

■ 59.9441, 69.2865,
82.1657

■ 59.9441, 69.2865,
82.1657

414.2297,
458.0408, 522.0998

■ 43.6229, 50.9451,
60.9655

■ 103.8554,
118.1907, 138.2451

■ 30.5708, 36.1649,
43.7670

132.1761,
149.5222, 173.9614

■ 20.4224, 24.5616,
30.1515

165.2274,
185.9526, 215.3535

■ 12.8125, 15.7507,
19.7006

203.3747,
227.8662, 262.8399

■ 7.3757, 9.3479,
11.9957

246.9832,
275.6475, 316.8392

■ 3.7466, 4.9688,
6.6182

296.4183,

■ 1.5598, 2.2290,

329.6807, 377.7700

3.1497

352.0453,
390.3503, 446.0506

■ 0.3660, 0.7357,
1.1716

■ 0.0000, 0.0000,
0.0000

■ 59.9441, 69.2865,
82.1657

■ 59.9441, 69.2865,
82.1657

■ 54.8939, 66.4796,
81.8912

■ 65.8601, 72.5440,
82.4838

■ 50.6622, 64.0935,
81.6537


■ 72.6744, 76.2633,
82.8425


■ 47.2064, 62.1080,
81.4526


■ 80.4251, 80.4660,
83.2452


■ 44.4776, 60.4979,
81.2856


■ 82.4512, 81.7182,
83.3801


 42.4214, 59.2351,
81.1503


 82.5915, 81.9988,
83.4269


 40.9758, 58.2877,
81.0436


 82.7323, 82.2803,
83.4738


 40.0671, 57.6178,
80.9622

 82.8734, 82.5626,
83.5209

 39.5748, 57.1631,
80.9003

 83.0150, 82.8457,
83.5680

 39.5526, 57.1410,
80.8972

 83.1570, 83.1297,
83.6154

Harmonies

Analogous

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



59.6404, 69.2865, 72.4109



59.9441, 69.2865, 82.1657



61.8016, 69.2865, 90.7645

Triad

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



59.9441, 69.2865, 82.1657



71.0079, 69.2865, 87.9276



66.9332, 69.2865, 58.5062

Complementary

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



59.9441, 69.2865, 82.1657



56.7416, 53.4133, 51.5765

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.



70.0814, 69.2865, 61.9476



59.9441, 69.2865, 82.1657



72.4865, 69.2865, 78.5549

Square

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



59.9441, 69.2865, 82.1657



68.1627, 69.2865, 94.2839



72.1417, 69.2865, 69.0940



63.5995, 69.2865, 59.2928

Rectangle

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



59.9441, 69.2865, 82.1657



63.7073, 69.2865, 94.4173



72.1417, 69.2865, 69.0940



68.0499, 69.2865, 59.1950

Sweetspot

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



59.9461, 69.2893, 82.1673



89.5329, 96.9918, 108.6101



55.0085, 67.7468, 54.8329



19.0409, 20.6931, 23.2406



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.



59.9461, 69.2893, 82.1673



76.2436, 89.6778, 107.8988



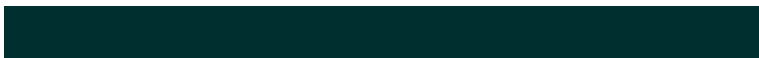
54.4391, 58.2754, 80.3316



14.0886, 15.5162, 17.6401



22.5771, 32.6237, 46.1554



1.5735, 2.2784, 3.2021

Inverse Universe

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



61.6842, 55.0624, 78.6144



78.8957, 68.0326, 102.4634



61.5763, 63.0826, 53.1881



14.2809, 13.9300, 17.2495



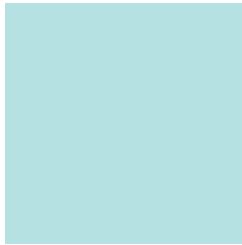
25.3361, 12.2014, 40.0310



1.7605, 0.8475, 2.7975

Previews

White Background



This preview shows how the XYZ color 59.9441, 69.2865, 82.1657 looks on a white background.

Color Contrast Check

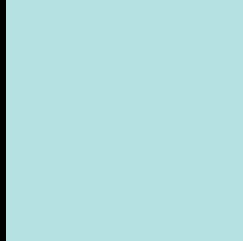
Large Text (above 18pt) WCAG AA × Fail

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 59.9441, 69.2865, 82.1657 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

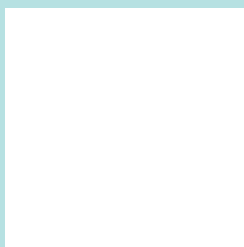
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9441, 69.2865, 82.1657

Background



This preview shows how black text looks on a background with the XYZ color 59.9441, 69.2865, 82.1657.

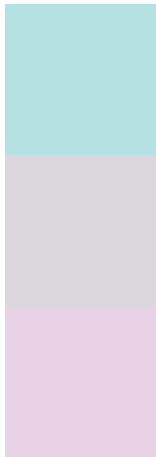


This preview shows how white text looks on a background with the XYZ color 59.9441, 69.2865,

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

59.9441, 69.2865, 82.1657

Protanopia

66.4321, 68.8283, 77.4940

Deuteranopia

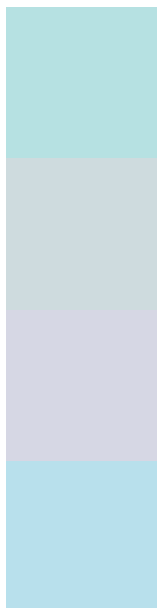
70.4682, 68.9061, 83.7149



Tritanopia

62.2724, 69.4405, 93.3403

Trichromacy



Original Color

59.9441, 69.2865, 82.1657

Protanomaly

63.9699, 69.0588, 79.0653

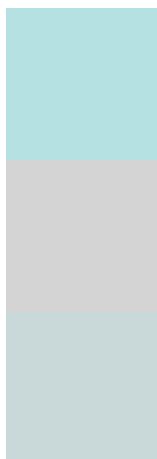
Deuteranomaly

66.0356, 68.4985, 83.1399

Tritanomaly

61.5631, 69.5578, 89.5382

Monochromacy



Original Color

59.9441, 69.2865, 82.1657

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 59.9441, 69.2865, 82.1657 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 225, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.9441, 69.2865, 82.1657 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, 226) }
```


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

```
.border{ border-color:rgb(182, 225, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 225,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9441, 69.2865, 82.1657 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, 226) }
```

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

```
.background{ background-color: rgb(182,  
225, 226) }
```

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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