

Converting Colors

XYZ(59.2719, 72.0644, 69.2984)

Have a look what the booklet for
XYZ(59.2719, 72.0644, 69.2984)
contains.

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Color

**XYZ(59.2886, 72.1145,
69.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E8CE
RGB	182, 232, 206
RGB Percent	71%, 91%, 81%
CMY	0.2863, 0.0902, 0.1921
CMYK	0.22, 0.00, 0.11, 0.09
HSL	149°, 52%, 81%
HSV	149°, 22%, 91%
XYZ	59.2886, 72.1145, 69.1872
YIQ	214.0860, -21.4540, -18.6860

Conversions

Conversions Part 2

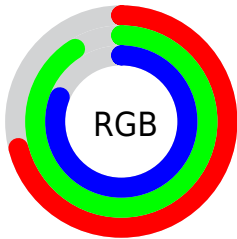
Format	Color
RYB	182, 216, 232
Decimal	11987150
CIELab	88.02, -21.16, 7.41
CIELCh	88, 22.421, 160.707
Yxy	72.1145, 0.2956, 0.3595
Android (android.graphics.Color)	4290177230 (0xFFB6E8CE)
YUV	214.0860, -3.9864, -28.1394
Hunter-Lab	84.9203, -23.9875, 11.1388

Details

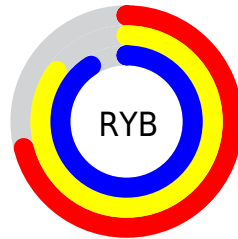
The XYZ color **59.2886, 72.1145, 69.1872** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.3943, 55.1676, 67.0902**, and the grayscale version is **64.0123, 67.3460, 73.3398**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.0949, 37.9069, 35.4363** is the 20% darker color. If you saturate the color by 10%, you get **52.8472, 68.9587, 61.5268**, and if you desaturate by 10%, it is **66.7543, 75.7893, 77.4859**.

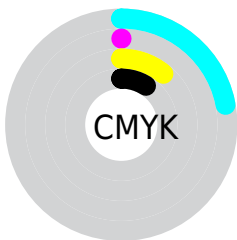
Distribution



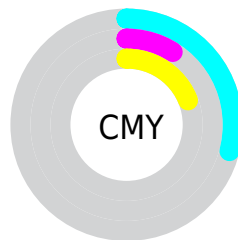
- Red (71%)
- Green (91%)
- Blue (81%)



- Red (71%)
- Yellow (85%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2886, 72.1145, 69.1872 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 59.2886, 72.1145, 69.1872 by changing the saturation by 10% instead.

■ 59.2886, 72.1145,
69.1872

■ 59.2886, 72.1145,
69.1872

411.8475,
467.9400, 476.4027

■ 43.0927, 53.2522,
50.3915

■ 102.9092,
122.2193, 119.7191

■ 30.1527, 38.0042,
35.3512

131.0647,
154.2306, 152.2924

■ 20.1032, 25.9859,
23.6478

163.9375,
191.3937, 190.2953

■ 12.5788, 16.8131,
14.8628

201.8928,
234.0930, 234.1464

■ 7.2141, 10.1013,
8.5776

245.2961,
282.7129, 284.2641

■ 3.6439, 5.4662,
4.3737

294.5128,

■ 1.5027, 2.5233,


337.6378, 341.0670


1.8325


349.9081,
399.2520, 404.9737


 0.3277, 0.8883,
0.4493


 0.0000, 0.0000,
0.0000


 59.2886, 72.1145,
69.1872


 59.2886, 72.1145,
69.1872


 52.8472, 68.9587,
61.5268


 66.7543, 75.7893,
77.4859


 47.3769, 66.2889,
54.4847

 75.2822, 79.9964,
86.4329

 42.8286, 64.0819,
48.0464

 84.9159, 84.7600,
96.0440

 39.1464, 62.3094,
42.1952

 88.0292, 86.1484,
105.9743

■ 36.2679, 60.9394,
36.9137

■ 88.1479, 86.1959,
106.5993

■ 34.1219, 59.9356,
32.1831

■ 32.6232, 59.2544,
27.9835

■ 31.7468, 58.8714,
24.8319

Harmonies

Analogous

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



62.0529, 72.1145, 58.2460



59.2886, 72.1145, 69.1872



58.9276, 72.1145, 84.1195

Triad

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



59.2886, 72.1145, 69.1872



70.4708, 72.1145, 111.1554



76.6364, 72.1145, 60.8381

Complementary

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



59.2886, 72.1145, 69.1872



61.3943, 55.1676, 67.0902

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.



79.1505, 72.1145, 73.1755



59.2886, 72.1145, 69.1872



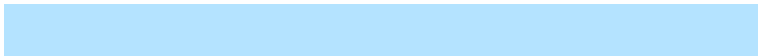
75.4698, 72.1145, 103.0258

Square

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



59.2886, 72.1145, 69.1872



65.2012, 72.1145, 109.7230



78.7128, 72.1145, 88.6574



71.9964, 72.1145, 53.8768

Rectangle

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



59.2886, 72.1145, 69.1872



60.0767, 72.1145, 94.5383



78.7128, 72.1145, 88.6574



77.7689, 72.1145, 64.4225

Sweetspot

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



59.2906, 72.1175, 69.1888



88.3886, 96.7109, 102.0394



63.5029, 74.6006, 55.3094



18.7700, 20.6267, 21.6846



0.0000, 0.0000, 0.0000



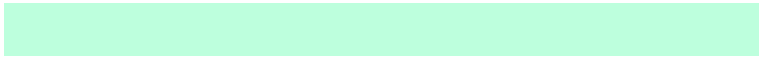
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2906, 72.1175, 69.1888



69.6595, 87.4955, 81.2901



62.4802, 73.3934, 85.9852



14.4760, 16.2038, 16.7714



17.6867, 32.7068, 14.1164



1.3537, 2.4356, 1.2893

Inverse Universe

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



61.3943, 55.1676, 67.0902



72.7164, 62.8636, 78.2392



58.6256, 54.0601, 52.5103



14.6884, 14.4926, 16.5597



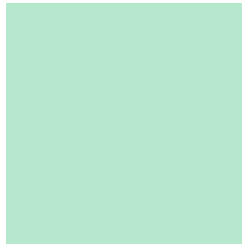
20.4431, 10.3115, 11.2282



1.5576, 0.7807, 1.0767

Previews

White Background



This preview shows how the XYZ color 59.2886, 72.1145, 69.1872 looks on a white background.

Color Contrast Check

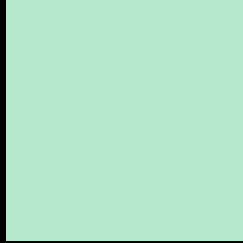
Large Text (above 18pt) WCAG AA × Fail

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 59.2886, 72.1145, 69.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

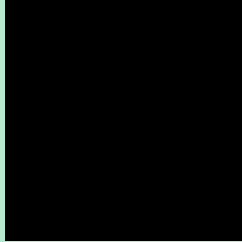
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

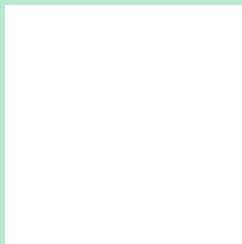
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2886, 72.1145, 69.1872

Background



This preview shows how black text looks on a background with the XYZ color 59.2886, 72.1145, 69.1872.

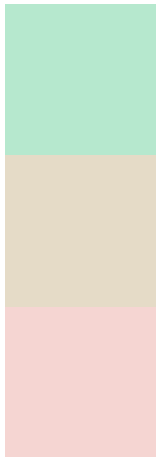


This preview shows how white text looks on a background with the XYZ color 59.2886, 72.1145,

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

59.2886, 72.1145, 69.1872

Protanopia

67.9534, 71.4446, 64.2415

Deuteranopia

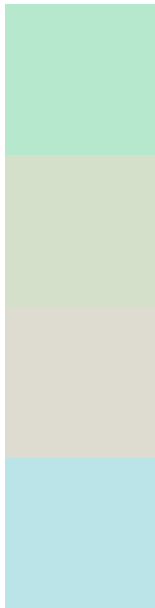
73.0833, 71.6541, 70.9515



Tritanopia

64.6641, 71.8041, 96.8376

Trichromacy



Original Color

59.2886, 72.1145, 69.1872

Protanomaly

64.4677, 71.5726, 66.2942

Deuteranomaly

67.2260, 71.3194, 70.5444

Tritanomaly

62.4169, 71.6954, 86.1502

Monochromacy



Original Color

59.2886, 72.1145, 69.1872

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

61.9714, 68.9726, 71.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2886, 72.1145, 69.1872 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, 232, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 232, 206)  
}
```

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, 232, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 232, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.2886, 72.1145, 69.1872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

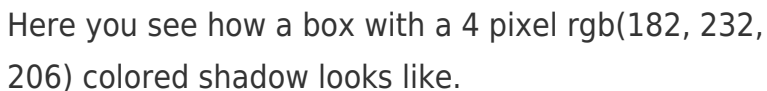
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 232, 206) }
```


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

```
.border{ border-color:rgb(182, 232, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 232, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 232, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 232, 206); box-shadow:4px 4px 4px 4px rgb(182, 232, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2886, 72.1145, 69.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 232, 206) }
```

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

```
.background{ background-color: rgb(182,  
232, 206) }
```

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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