

Converting Colors

XYZ(69.2779, 81.7916, 88.9636)

Have a look what the booklet for
XYZ(69.2779, 81.7916, 88.9636)
contains.

XYZ(69.2642, 81.5865, 89.1879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.2642, 81.5865,
89.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F3E9
RGB	195, 243, 233
RGB Percent	76%, 95%, 91%
CMY	0.2353, 0.0470, 0.0863
CMYK	0.20, 0.00, 0.04, 0.05
HSL	167°, 67%, 86%
HSV	167°, 20%, 95%
XYZ	69.2642, 81.5865, 89.1879
YIQ	227.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

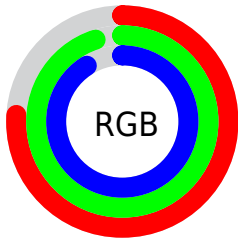
Format	Color
R_{YB}	195, 222, 243
Decimal	12841961
CIE _{Lab}	92.39, -17.26, -0.25
CIE _{LCh}	92, 17.263, 180.823
Yxy	81.5865, 0.2886, 0.3399
Android (android.graphics.Color)	4291032041 (0xFFC3F3E9)
YUV	227.5080, 2.7076, -28.5095
Hunter-Lab	90.3252, -21.1898, 4.6842

Details

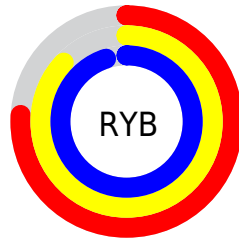
The XYZ color **69.2642, 81.5865, 89.1879** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.4996, 62.4947, 66.2661**, and the grayscale version is **73.3796, 77.2010, 84.0719**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **36.6906, 44.3777, 48.2269** is the 20% darker color. If you saturate the color by 10%, you get **62.7767, 78.3266, 85.1633**, and if you desaturate by 10%, it is **76.7989, 85.3882, 93.3733**.

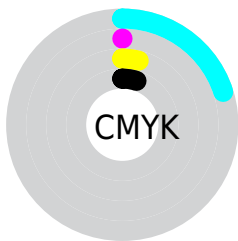
Distribution



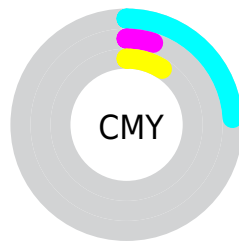
- Red (76%)
- Green (95%)
- Blue (91%)



- Red (76%)
- Yellow (87%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2642, 81.5865, 89.1879 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 69.2642, 81.5865, 89.1879 by changing the saturation by 10% instead.

69.2642, 81.5865,
89.1879

69.2642, 81.5865,
89.1879

447.2691,
500.2635, 545.8874

51.2043, 61.0248,
66.7374

117.1909,
135.5940, 148.1355

36.5930, 44.2451,
48.4110

147.7884,
169.8085, 185.4696

25.0647, 30.8633,
33.7902

183.2958,
209.3427, 228.6020

16.2543, 20.4948,
22.4564

224.0785,
254.5811, 277.9513

9.7962, 12.7552,
13.9911

270.5018,
305.9080, 333.9359

5.3253, 7.2602,
7.9758

322.9311,

2.4761, 3.6253,

363.7077, 396.9744

3.9919

381.7317,
428.3648, 467.4854

■ 0.8832, 1.4663,
1.6209

■ 0.0000, 0.2648,
0.3057

■ 69.2642, 81.5865,
89.1879

■ 69.2642, 81.5865,
89.1879

■ 62.7767, 78.3266,
85.1633

■ 76.7989, 85.3882,
93.3733

■ 57.2798, 75.5729,
81.2908

■ 85.4200, 89.7453,
97.7172

■ 52.7224, 73.3011,
77.5689

■ 90.2655, 92.1536,
101.9945

■ 49.0455, 71.4810,
73.9939

■ 91.0628, 92.4725,
106.1933

46.1838, 70.0787,
70.5618

91.3421, 92.5842,
107.6640

44.0623, 69.0557,
67.2681

42.5921, 68.3662,
64.1077

41.6284, 67.9356,
61.0729

41.6070, 67.9262,
60.9997

Harmonies

Analogous

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



70.2799, 81.5865, 77.3647



69.2642, 81.5865, 89.1879



70.3956, 81.5865, 102.0542

Triad

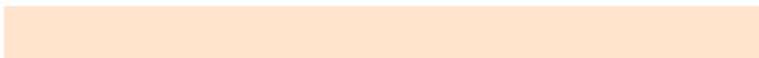
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2642, 81.5865, 89.1879



82.0338, 81.5865, 111.6959



81.8120, 81.5865, 69.0265

Complementary

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



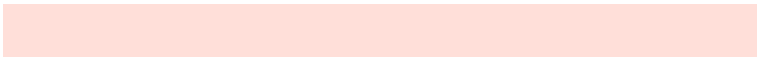
69.2642, 81.5865, 89.1879



67.4996, 62.4947, 66.2661

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.



85.1639, 81.5865, 76.8076



69.2642, 81.5865, 89.1879



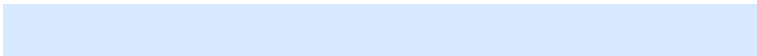
85.2954, 81.5865, 101.3838

Square

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



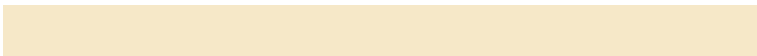
69.2642, 81.5865, 89.1879



77.6691, 81.5865, 115.7927



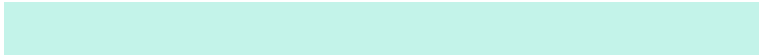
86.4619, 81.5865, 88.4807



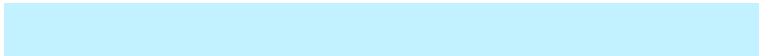
77.4221, 81.5865, 66.4221

Rectangle

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



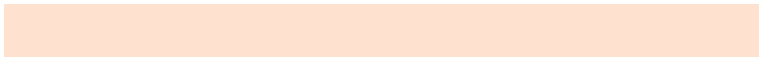
69.2642, 81.5865, 89.1879



72.2411, 81.5865, 109.3167



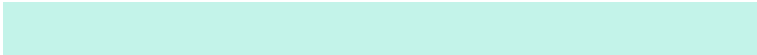
86.4619, 81.5865, 88.4807



83.1034, 81.5865, 71.0840

Sweetspot

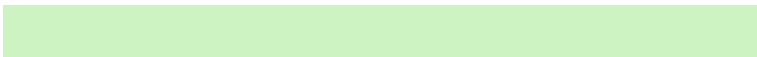
The Sweet Spot groups the original color and five complimentary colors.



69.2665, 81.5899, 89.1897



89.1343, 97.0091, 105.9658



67.1907, 81.0809, 63.7398



18.9464, 20.6972, 22.6135



0.0000, 0.0000, 0.0000



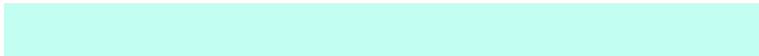
20.3446, 21.4041, 23.3091

Same Dimension

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



69.2665, 81.5899, 89.1897



74.0209, 89.3885, 97.5510



66.8159, 74.3363, 95.6248



16.8401, 18.6952, 20.4423



22.8851, 37.2989, 33.7445



2.0477, 3.2927, 3.1568

Inverse Universe

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



67.4996, 62.4947, 66.2661



71.6953, 64.2378, 67.3661



69.5176, 68.4021, 61.1699



16.6404, 16.5390, 17.8528



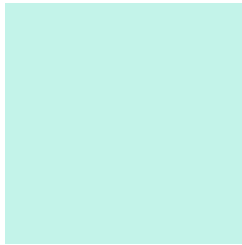
20.6489, 10.6030, 2.8597



1.8507, 0.9462, 0.4401

Previews

White Background



This preview shows how the XYZ color 69.2642, 81.5865, 89.1879 looks on a white background.

Color Contrast Check

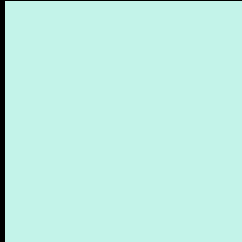
Large Text (above 18pt) WCAG AA × Fail

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 69.2642, 81.5865, 89.1879 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

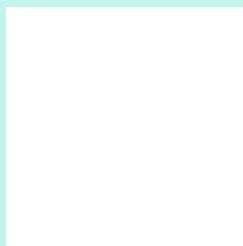
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2642, 81.5865, 89.1879

Background



This preview shows how black text looks on a background with the XYZ color 69.2642, 81.5865, 89.1879.



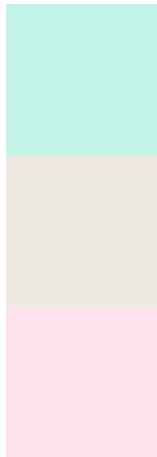
This preview shows how white text looks on a background with the XYZ color 69.2642, 81.5865,

89.1879.

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

69.2642, 81.5865, 89.1879

Protanopia

77.8440, 81.3814, 83.5569

Deuteranopia

82.7193, 80.8475, 91.3661



Tritanopia

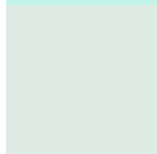
73.8014, 81.3482, 106.4198

Trichromacy



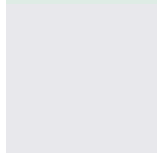
Original Color

69.2642, 81.5865, 89.1879



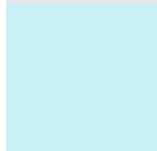
Protanomaly

74.2625, 81.1776, 85.8835



Deuteranomaly

77.2756, 80.9252, 90.9041



Tritanomaly

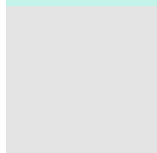
72.0360, 81.4531, 99.9210

Monochromacy



Original Color

69.2642, 81.5865, 89.1879



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.7407, 78.5899, 86.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2642, 81.5865, 89.1879 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(195, 243, 233)` looks like.

```
.text, #text, p{  
    color:rgb(195, 243, 233)  
}
```

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(195, 243, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 243, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.2642, 81.5865, 89.1879 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(195, 243, 233) }
```


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

```
.border{ border-color:rgb(195, 243, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 243, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 243, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 243, 233);  
box-shadow:4px 4px 4px 4px rgb(195, 243,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2642, 81.5865, 89.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 243, 233) }
```

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

```
.background{ background-color: rgb(195,  
243, 233) }
```

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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