

Converting Colors

XYZ(69.5104, 81.1254, 92.2870)

Have a look what the booklet for
XYZ(69.5104, 81.1254, 92.2870)
contains.

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Color

**XYZ(69.5439, 81.2208,
92.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F2ED
RGB	195, 242, 237
RGB Percent	76%, 95%, 93%
CMY	0.2353, 0.0510, 0.0706
CMYK	0.19, 0.00, 0.02, 0.05
HSL	174°, 64%, 86%
HSV	174°, 19%, 95%
XYZ	69.5439, 81.2208, 92.1326
YIQ	227.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

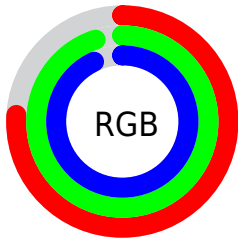
Format	Color
R _{YB}	195, 220, 242
Decimal	12841709
CIE Lab	92.23, -15.96, -2.56
CIE LCh	92, 16.162, 189.131
Yxy	81.2208, 0.2863, 0.3344
Android (android.graphics.Color)	4291031789 (0xFFC3F2ED)
YUV	227.3770, 4.7441, -28.3946
Hunter-Lab	90.1226, -19.9734, 2.4735

Details

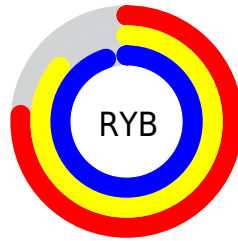
The XYZ color **69.5439, 81.2208, 92.1326** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.5613, 62.0799, 63.1215**, and the grayscale version is **73.2703, 77.0860, 83.9467**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **36.7146, 44.0295, 50.2795** is the 20% darker color. If you saturate the color by 10%, you get **63.4176, 78.1079, 89.8968**, and if you desaturate by 10%, it is **76.6936, 84.8650, 94.4480**.

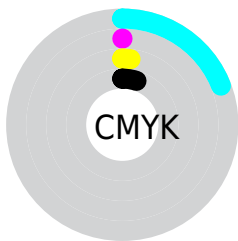
Distribution



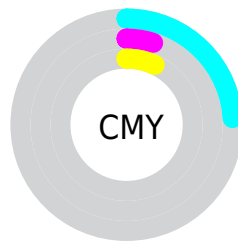
- Red (76%)
- Green (95%)
- Blue (93%)



- Red (76%)
- Yellow (86%)
- Blue (95%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5439, 81.2208, 92.1326 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 69.5439, 81.2208, 92.1326 by changing the saturation by 10% instead.

69.5439, 81.2208,
92.1326

69.5439, 81.2208,
92.1326

448.2384,
499.0375, 555.6921

51.4330, 60.7235,
69.1671

117.5879,
135.0808, 152.2584

36.7758, 44.0020,
50.3752

148.2518,
169.2122, 190.2559

25.2068, 30.6721,
35.3384

183.8307,
208.6571, 234.1011

16.3608, 20.3493,
23.6380

224.6900,
253.7998, 284.2126

9.8723, 12.6492,
14.8556

271.1951,
305.0249, 341.0089

5.3760, 7.1874,
8.5726

323.7112,

2.5065, 3.5796,

362.7166, 404.9085

4.3705

382.6039,
427.2593, 476.3301

■ 0.8985, 1.4413,
1.8307

■ 0.0000, 0.2469,
0.4481

■ 69.5439, 81.2208,
92.1326

■ 69.5439, 81.2208,
92.1326

■ 63.4176, 78.1079,
89.8968

■ 76.6936, 84.8650,
94.4480

■ 58.2590, 75.4911,
87.7327


■ 84.9053, 89.0538,
96.8397


■ 54.0176, 73.3465,
85.6395


■ 89.4338, 91.3433,
99.0874


■ 50.6357, 71.6444,
83.6144


■ 89.8293, 91.5015,
101.1704


 48.0487, 70.3514,
81.6542


 90.2304, 91.6619,
103.2823


 46.1831, 69.4298,
79.7555

 90.6370, 91.8245,
105.4232

 44.9516, 68.8344,
77.9139

 91.0436, 91.9872,
107.5645

 44.2167, 68.4945,
76.1230

 44.1799, 68.4777,
76.0206

Harmonies

Analogous

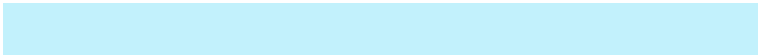
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9408, 81.2208, 80.4998



69.5439, 81.2208, 92.1326



71.1398, 81.2208, 103.7447

Triad

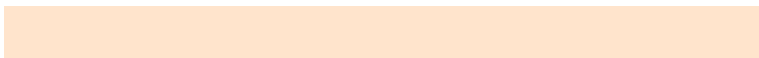
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5439, 81.2208, 92.1326



82.3731, 81.2208, 107.4849



80.0916, 81.2208, 68.6550

Complementary

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



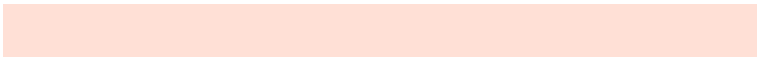
69.5439, 81.2208, 92.1326



66.5613, 62.0799, 63.1215

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.



83.5906, 81.2208, 74.7119



69.5439, 81.2208, 92.1326



84.9405, 81.2208, 96.8767

Square

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



69.5439, 81.2208, 92.1326



78.4782, 81.2208, 113.1189



85.3939, 81.2208, 84.8389



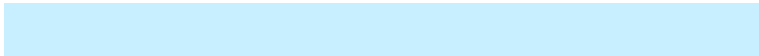
75.9316, 81.2208, 67.6327

Rectangle

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



69.5439, 81.2208, 92.1326



73.1540, 81.2208, 109.6622



85.3939, 81.2208, 84.8389



81.3883, 81.2208, 70.1418

Sweetspot

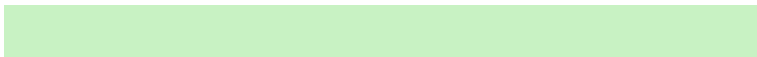
The Sweet Spot groups the original color and five complimentary colors.



69.5462, 81.2241, 92.1344



89.3823, 97.1083, 107.2718



65.5537, 79.7938, 63.5780



19.0051, 20.7208, 22.9231



0.0000, 0.0000, 0.0000



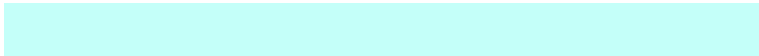
20.3446, 21.4041, 23.3091

Same Dimension

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



69.5462, 81.2241, 92.1344



75.6771, 90.1272, 102.8316



65.1863, 71.3180, 94.3383



16.1706, 17.8983, 19.9214



23.7635, 36.7974, 40.9989



1.9975, 3.0694, 3.5193

Inverse Universe

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



66.5613, 62.0799, 63.1215



71.7900, 65.1904, 65.0452



70.2696, 70.4170, 61.5195



15.8412, 15.7862, 16.7199



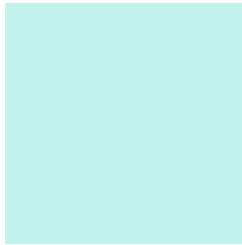
19.7937, 10.1899, 1.5643



1.6692, 0.8567, 0.2489

Previews

White Background



This preview shows how the XYZ color 69.5439, 81.2208, 92.1326 looks on a white background.

Color Contrast Check

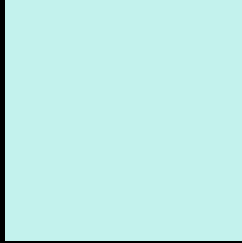
Large Text (above 18pt) WCAG AA × Fail

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 69.5439, 81.2208, 92.1326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

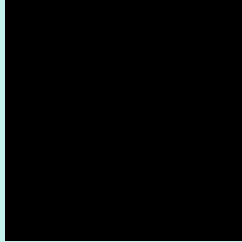
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5439, 81.2208, 92.1326

Background



This preview shows how black text looks on a background with the XYZ color 69.5439, 81.2208, 92.1326.

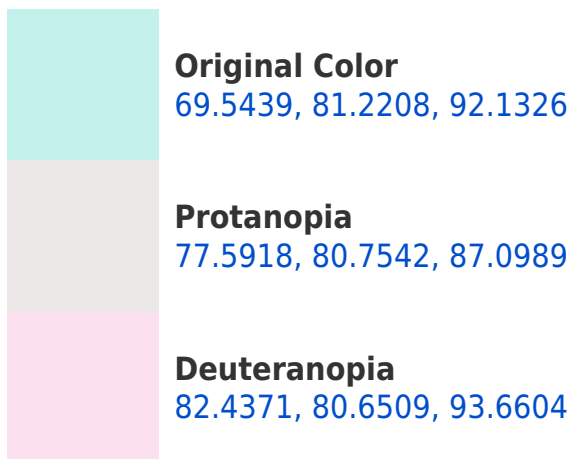


This preview shows how white text looks on a background with the XYZ color 69.5439, 81.2208,

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





Tritanopia

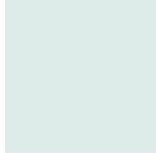
73.2531, 81.0656, 106.3941

Trichromacy



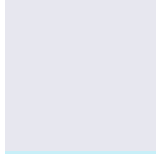
Original Color

69.5439, 81.2208, 92.1326



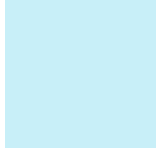
Protanomaly

74.2351, 80.6720, 88.7494



Deuteranomaly

77.1109, 80.3727, 93.1107



Tritanomaly

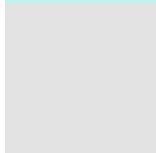
71.6292, 80.7897, 100.6256

Monochromacy



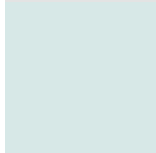
Original Color

69.5439, 81.2208, 92.1326



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

71.3047, 77.9298, 86.8851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5439, 81.2208, 92.1326 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, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(195, 242, 237)  
}
```

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, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 69.5439, 81.2208, 92.1326 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, 242, 237) }
```


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

```
.border{ border-color:rgb(195, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(195, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5439, 81.2208, 92.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 242, 237) }
```

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

```
.background{ background-color: rgb(195,  
242, 237) }
```

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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