

Converting Colors

XYZ(72.1535, 82.7260, 92.9955)

Have a look what the booklet for
XYZ(72.1535, 82.7260, 92.9955)
contains.

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Color

**XYZ(72.0866, 82.5147,
93.0165)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF2EE
RGB	204, 242, 238
RGB Percent	80%, 95%, 93%
CMY	0.2000, 0.0510, 0.0667
CMYK	0.16, 0.00, 0.02, 0.05
HSL	174°, 59%, 87%
HSV	174°, 16%, 95%
XYZ	72.0866, 82.5147, 93.0165
YIQ	230.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

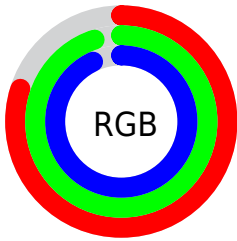
Format	Color
RYB	204, 224, 242
Decimal	13431534
CIELab	92.80, -13.00, -2.18
CIELCh	93, 13.178, 189.532
Yxy	82.5147, 0.2911, 0.3332
Android (android.graphics.Color)	4291621614 (0xFFCCCF2EE)
YUV	230.1820, 3.8543, -22.9616
Hunter-Lab	90.8376, -17.3124, 2.8741

Details

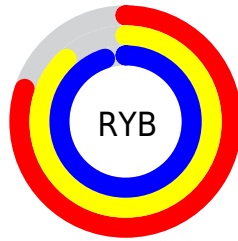
The XYZ color **72.0866, 82.5147, 93.0165** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5989, 66.6193, 68.8687**, and the grayscale version is **75.3341, 79.2574, 86.3113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3968, 44.8848, 50.8959** is the 20% darker color. If you saturate the color by 10%, you get **65.5908, 79.2112, 90.7726**, and if you desaturate by 10%, it is **79.6231, 86.3585, 95.3402**.

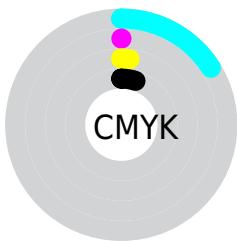
Distribution



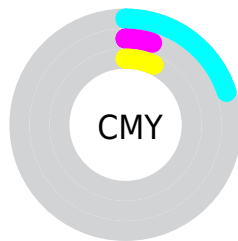
- Red (80%)
- Green (95%)
- Blue (93%)



- Red (80%)
- Yellow (88%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0866, 82.5147, 93.0165 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 72.0866, 82.5147, 93.0165 by changing the saturation by 10% instead.

72.0866, 82.5147,
93.0165

72.0866, 82.5147,
93.0165

456.9959,
503.3677, 558.6166

53.5151, 61.7899,
69.8975

121.1898,
136.8956, 153.4934

38.4433, 44.8629,
50.9667

152.4522,
171.3204, 191.6883

26.5057, 31.3495,
35.8055

188.6757,
211.0807, 235.7456

17.3370, 20.8651,
23.9955

230.2255,
256.5608, 286.0838

10.5718, 13.0254,
15.1181

277.4671,
308.1452, 343.1215

5.8449, 7.4461,
8.7548

330.7658,

2.7907, 3.7426,

366.2182, 407.2771

4.4870

390.4870,
431.1642, 478.9693

■ 1.0441, 1.5306,
1.8961

■ 0.0000, 0.3101,
0.4903

■ 72.0866, 82.5147,
93.0165

■ 72.0866, 82.5147,
93.0165

■ 65.5908, 79.2112,
90.7726

■ 79.6231, 86.3585,
95.3402

■ 60.0810, 76.4131,
88.6008

■ 88.2376, 90.7552,
97.7405

■ 55.5086, 74.0977,
86.5002

■ 89.5745, 91.3996,
99.8281

■ 51.8176, 72.2361,
84.4683

■ 89.9679, 91.5570,
101.8995

■ 48.9463, 70.7964,
82.5019

■ 90.3666, 91.7165,
103.9994

■ 46.8250, 69.7428,
80.5978

■ 90.7708, 91.8782,
106.1277

■ 45.3722, 69.0332,
78.7520

■ 91.0436, 91.9873,
107.5645

■ 44.4873, 68.6158,
76.9596

■ 44.2145, 68.4917,
76.2028

Harmonies

Analogous

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



72.3954, 82.5147, 83.3845



72.0866, 82.5147, 93.0165



73.4382, 82.5147, 102.4434

Triad

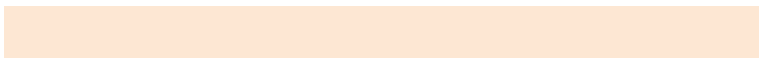
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0866, 82.5147, 93.0165



82.7117, 82.5147, 105.2539



80.7625, 82.5147, 73.2471

Complementary

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



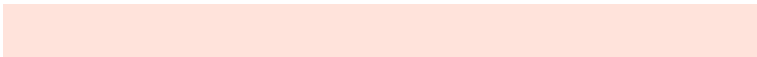
72.0866, 82.5147, 93.0165



69.5989, 66.6193, 68.8687

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.



83.6383, 82.5147, 78.3234



72.0866, 82.5147, 93.0165



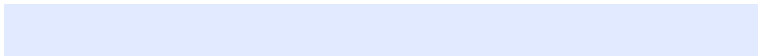
84.7863, 82.5147, 96.6298

Square

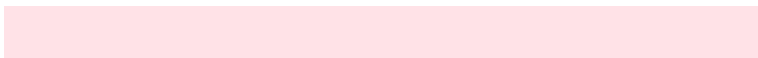
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



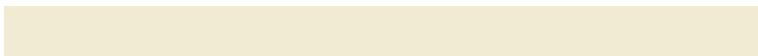
72.0866, 82.5147, 93.0165



79.5276, 82.5147, 109.8413



85.1303, 82.5147, 86.7454



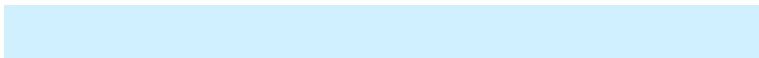
77.3380, 82.5147, 72.4350

Rectangle

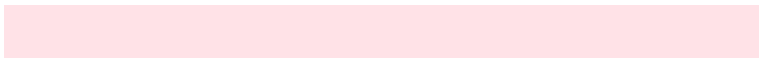
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



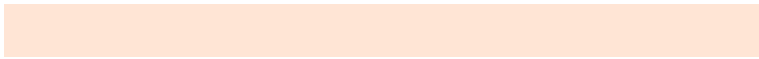
72.0866, 82.5147, 93.0165



75.1229, 82.5147, 107.1725



85.1303, 82.5147, 86.7454



81.8282, 82.5147, 74.4927

Sweetspot

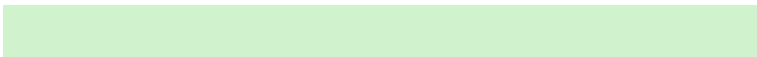
The Sweet Spot groups the original color and five complimentary colors.



72.0890, 82.5181, 93.0183



90.2983, 97.5753, 107.5528



68.7882, 81.3402, 69.2028



19.1899, 20.8149, 22.9806



0.0000, 0.0000, 0.0000



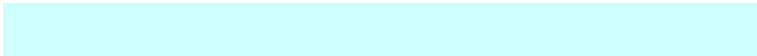
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0890, 82.5181, 93.0183



78.6056, 91.6163, 103.8978



68.5191, 74.4265, 94.7628



16.1714, 17.8986, 19.9256



23.7818, 36.8047, 41.0952



1.9989, 3.0700, 3.5264

Inverse Universe

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



69.5989, 66.6193, 68.8687



75.2840, 70.4039, 71.6801



72.7385, 73.6768, 67.5155



15.8405, 15.7859, 16.7161



19.7919, 10.1892, 1.5550



1.6689, 0.8566, 0.2471

Previews

White Background



This preview shows how the XYZ color 72.0866, 82.5147, 93.0165 looks on a white background.

Color Contrast Check

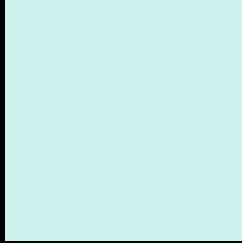
Large Text (above 18pt) WCAG AA × Fail

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 72.0866, 82.5147, 93.0165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

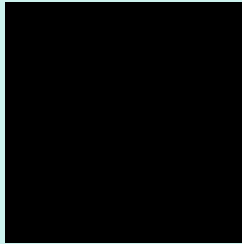
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

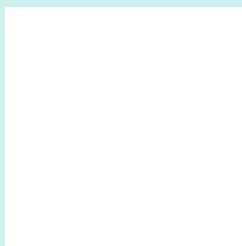
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0866, 82.5147, 93.0165

Background



This preview shows how black text looks on a background with the XYZ color 72.0866, 82.5147, 93.0165.



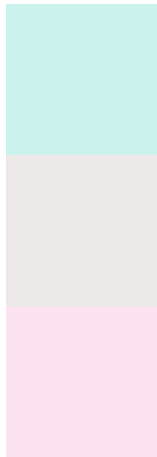
This preview shows how white text looks on a background with the XYZ color 72.0866, 82.5147,

93.0165.

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

72.0866, 82.5147, 93.0165

Protanopia

79.1068, 82.3382, 88.8143

Deuteranopia

83.8543, 82.1717, 94.6602



Tritanopia

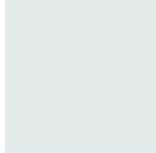
75.4885, 82.2180, 106.4987

Trichromacy



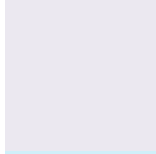
Original Color

72.0866, 82.5147, 93.0165



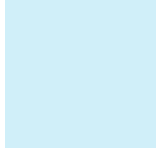
Protanomaly

76.3549, 82.1578, 90.4310



Deuteranomaly

78.8457, 81.6667, 94.0457



Tritanomaly

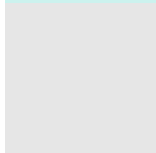
73.9778, 81.9825, 101.5477

Monochromacy



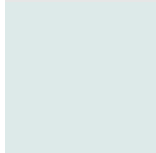
Original Color

72.0866, 82.5147, 93.0165



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.9496, 80.1010, 88.6543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0866, 82.5147, 93.0165 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(204, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 242, 238)  
}
```

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(204, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 242, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.0866, 82.5147, 93.0165 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(204, 242, 238) }
```


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

```
.border{ border-color:rgb(204, 242, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 242, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 242, 238); box-shadow:4px 4px 4px 4px rgb(204, 242, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0866, 82.5147, 93.0165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 242, 238) }
```

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

```
.background{ background-color: rgb(204,  
242, 238) }
```

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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