

Converting Colors

XYZ(71.8592, 83.6540, 92.2771)

Have a look what the booklet for
XYZ(71.8592, 83.6540, 92.2771)
contains.

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Color

**XYZ(72.0259, 83.8367,
92.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F5ED
RGB	201, 245, 237
RGB Percent	79%, 96%, 93%
CMY	0.2118, 0.0392, 0.0706
CMYK	0.18, 0.00, 0.03, 0.04
HSL	169°, 69%, 87%
HSV	169°, 18%, 96%
XYZ	72.0259, 83.8367, 92.5067
YIQ	230.9320, -23.6560, -11.8160

Conversions

Conversions Part 2

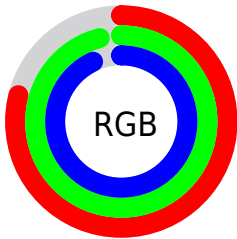
Format	Color
R _Y B	201, 225, 245
Decimal	13235693
CIE Lab	93.38, -15.62, -0.84
CIE LCh	93, 15.638, 183.073
Yxy	83.8367, 0.2900, 0.3375
Android (android.graphics.Color)	4291425773 (0xFFC9F5ED)
YUV	230.9320, 2.9915, -26.2504
Hunter-Lab	91.5624, -19.8204, 4.1922

Details

The XYZ color **72.0259, 83.8367, 92.5067** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.0545, 65.7916, 69.3321**, and the grayscale version is **75.8981, 79.8507, 86.9574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3921, 45.8424, 50.5410** is the 20% darker color. If you saturate the color by 10%, you get **65.3153, 80.4538, 88.8375**, and if you desaturate by 10%, it is **79.8080, 87.7746, 96.3140**.

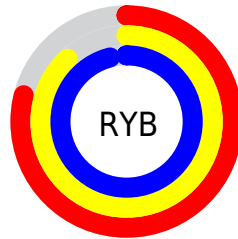
Distribution



Red (79%)

Green (96%)

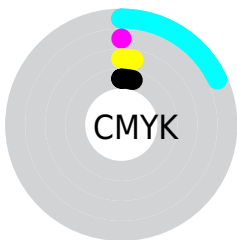
Blue (93%)



Red (79%)

Yellow (88%)

Blue (96%)

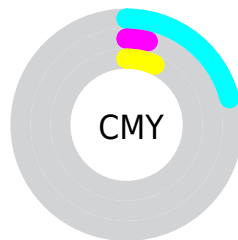


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0259, 83.8367, 92.5067 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 72.0259, 83.8367, 92.5067 by changing the saturation by 10% instead.

72.0259, 83.8367,
92.5067

72.0259, 83.8367,
92.5067

456.7880,
507.7708, 556.9309

53.4654, 62.8806,
69.4762

121.1040,
138.7467, 152.7813

38.4034, 45.7446,
50.6254

152.3522,
173.4695, 190.8624

26.4745, 32.0444,
35.5360

188.5604,
213.5499, 234.7974

17.3135, 21.3954,
23.7892

230.0939,
259.3723, 285.0050

10.5550, 13.4133,
14.9665

277.3180,
311.3213, 341.9036

5.8335, 7.7138,
8.6495

330.5982,

2.7838, 3.9123,

369.7811, 405.9117

4.4196

390.2997,
435.1361, 477.4480

■ 1.0405, 1.6247,
1.8583

■ 0.0000, 0.3741,
0.4660

■ 72.0259, 83.8367,
92.5067

■ 72.0259, 83.8367,
92.5067

■ 65.3153, 80.4538,
88.8375

■ 79.8080, 87.7746,
96.3140

■ 59.6191, 77.5897,
85.2980

■ 88.7009, 92.2810,
100.2566

■ 54.8860, 75.2203,
81.8867

■ 91.2073, 93.4932,
103.9860

■ 51.0570, 73.3152,
78.6004

■ 91.9159, 93.7766,
107.7175

■ 48.0668, 71.8407,
75.4354

■ 91.9439, 93.7878,
107.8646

■ 45.8411, 70.7584,
72.3875

■ 44.2921, 70.0233,
69.4521

■ 43.3006, 69.5737,
66.6229

■ 43.1311, 69.4987,
66.0570

Harmonies

Analogous

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



72.8218, 83.8367, 81.3816



72.0259, 83.8367, 92.5067



73.2228, 83.8367, 104.2453

Triad

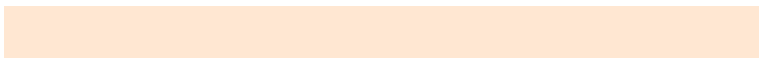
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0259, 83.8367, 92.5067



84.0900, 83.8367, 111.6659



83.3292, 83.8367, 72.4974

Complementary

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



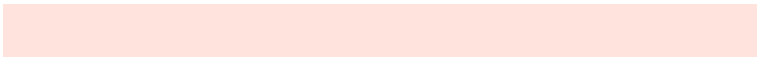
72.0259, 83.8367, 92.5067



70.0545, 65.7916, 69.3321

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.



86.5151, 83.8367, 79.4441



72.0259, 83.8367, 92.5067



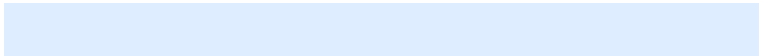
86.9649, 83.8367, 101.9585

Square

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



72.0259, 83.8367, 92.5067



80.1101, 83.8367, 115.8891



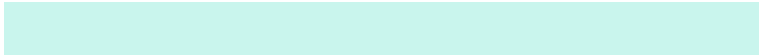
87.8671, 83.8367, 90.0720



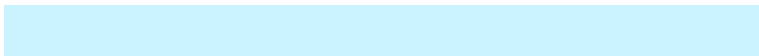
79.2600, 83.8367, 70.4340

Rectangle

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



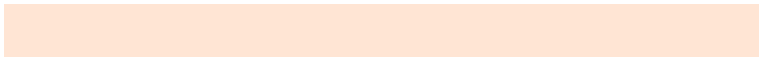
72.0259, 83.8367, 92.5067



75.0148, 83.8367, 110.6670



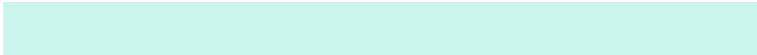
87.8671, 83.8367, 90.0720



84.5436, 83.8367, 74.3075

Sweetspot

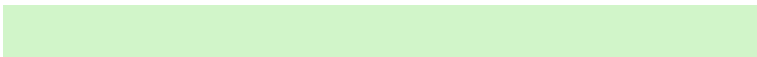
The Sweet Spot groups the original color and five complimentary colors.



72.0283, 83.8402, 92.5086



90.1427, 97.5130, 106.7332



69.5110, 83.0904, 67.6344



19.1520, 20.7997, 22.7808



0.0000, 0.0000, 0.0000



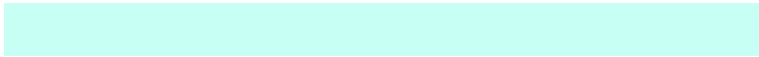
20.3446, 21.4041, 23.3091

Same Dimension

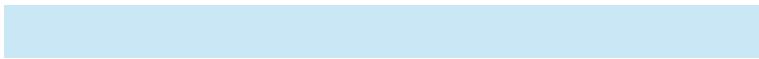
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0283, 83.8402, 92.5086



75.7370, 90.2286, 99.6475



69.1660, 76.2022, 97.4532



16.8598, 18.7031, 20.5461



23.2821, 37.4577, 35.8347



2.0792, 3.3053, 3.3228

Inverse Universe

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



70.0545, 65.7916, 69.3321



73.1619, 66.6694, 69.4012



72.4851, 72.1991, 65.3754



16.6222, 16.5317, 17.7571



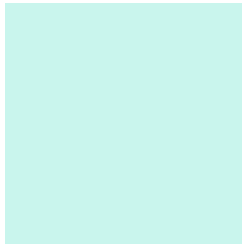
20.5728, 10.5726, 2.4590



1.8415, 0.9425, 0.3915

Previews

White Background



This preview shows how the XYZ color 72.0259, 83.8367, 92.5067 looks on a white background.

Color Contrast Check

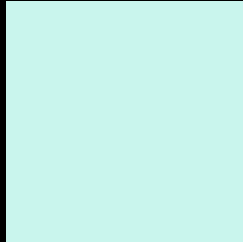
Large Text (above 18pt) WCAG AA × Fail

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 72.0259, 83.8367, 92.5067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

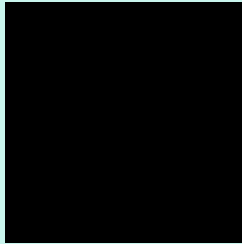
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

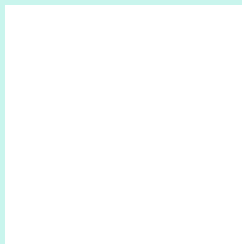
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0259, 83.8367, 92.5067

Background



This preview shows how black text looks on a background with the XYZ color 72.0259, 83.8367, 92.5067.

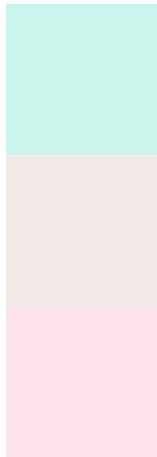


This preview shows how white text looks on a background with the XYZ color 72.0259, 83.8367,

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

72.0259, 83.8367, 92.5067

Protanopia

80.1223, 83.3159, 87.4600

Deuteranopia

84.7116, 83.0381, 94.0012



Tritanopia

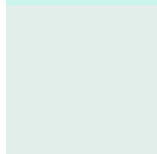
76.6507, 83.6863, 106.7209

Trichromacy



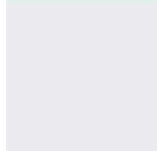
Original Color

72.0259, 83.8367, 92.5067



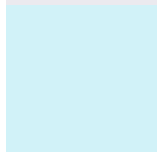
Protanomaly

76.6465, 83.2010, 89.1105



Deuteranomaly

79.2638, 82.7398, 93.4541



Tritanomaly

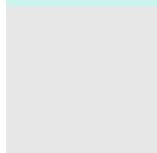
74.9899, 83.8369, 101.0367

Monochromacy



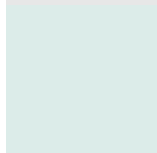
Original Color

72.0259, 83.8367, 92.5067



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.2186, 81.0897, 88.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0259, 83.8367, 92.5067 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(201, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 245, 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(201, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 245, 237) }
```

Border

The CSS property to change the border of an element to XYZ 72.0259, 83.8367, 92.5067 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(201, 245, 237) }
```


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

```
.border{ border-color:rgb(201, 245, 237) }
```

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

Here you see how a box with a 4 pixel rgb(201, 245, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 245,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0259, 83.8367, 92.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 245, 237) }
```

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

```
.background{ background-color: rgb(201,  
245, 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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