

Converting Colors

XYZ(72.5279, 83.0650, 97.6321)

Have a look what the booklet for
XYZ(72.5279, 83.0650, 97.6321)
contains.

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Color

**XYZ(72.4671, 83.0503,
97.7988)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F3F4
RGB	201, 243, 244
RGB Percent	79%, 95%, 96%
CMY	0.2118, 0.0470, 0.0431
CMYK	0.18, 0.00, 0.00, 0.04
HSL	181°, 66%, 87%
HSV	181°, 18%, 96%
XYZ	72.4671, 83.0503, 97.7988
YIQ	230.5560, -25.3530, -8.5930

Conversions

Conversions Part 2

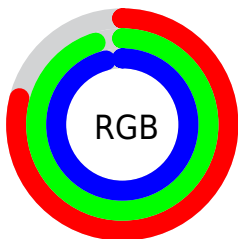
Format	Color
R _Y B	201, 222, 244
Decimal	13235188
CIE Lab	93.04, -13.21, -4.98
CIE LCh	93, 14.114, 200.641
Yxy	83.0503, 0.2861, 0.3279
Android (android.graphics.Color)	4291425268 (0xFFC9F3F4)
YUV	230.5560, 6.6279, -25.9206
Hunter-Lab	91.1319, -17.5397, 0.1649

Details

The XYZ color **72.4671, 83.0503, 97.7988** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.9721, 65.6913, 64.3044**, and the grayscale version is **75.5935, 79.5303, 86.6085**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7015, 45.2825, 54.2776** is the 20% darker color. If you saturate the color by 10%, you get **66.2534, 79.5983, 97.4613**, and if you desaturate by 10%, it is **79.7280, 87.0473, 98.1889**.

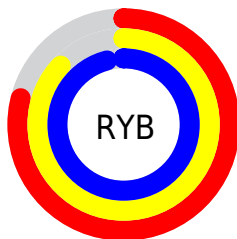
Distribution



Red (79%)

Green (95%)

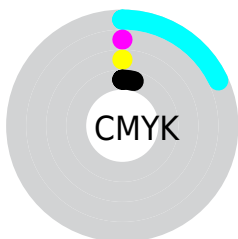
Blue (96%)



Red (79%)

Yellow (87%)

Blue (96%)

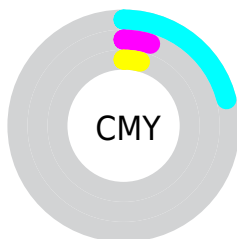


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4671, 83.0503, 97.7988 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 72.4671, 83.0503, 97.7988 by changing the saturation by 10% instead.

72.4671, 83.0503,
97.7988

72.4671, 83.0503,
97.7988

458.2982,
505.1541, 574.2984

53.8272, 62.2316,
73.8569

121.7276,
137.6459, 160.1543

38.6936, 45.2199,
54.1808

153.0789,
172.1917, 199.4050

26.7011, 31.6307,
38.3521

189.3980,
212.0819, 244.5957

17.4843, 21.0796,
25.9521

231.0502,
257.7010, 296.1450

10.6778, 13.1822,
16.5624

278.4011,
309.4334, 354.4714

5.9163, 7.5541,
9.7643

331.8157,

2.8344, 3.8110,

367.6634, 419.9933

5.1394

391.6597,
432.7756, 493.1295

■ 1.0668, 1.5684,
2.2691

■ 0.0000, 0.3362,
0.7138

■ 72.4671, 83.0503,
97.7988

■ 72.4671, 83.0503,
97.7988

■ 66.2534, 79.5983,
97.4613

■ 79.7280, 87.0473,
98.1889

■ 61.0307, 76.6558,
97.1686

■ 88.0748, 91.6026,
98.6283

■ 56.7483, 74.1988,
96.9201

■ 90.1316, 92.9162,
98.7734

■ 53.3482, 72.1974,
96.7130

■ 90.3027, 93.2584,
98.8305

50.7662, 70.6185,
96.5443

90.4743, 93.6017,
98.8877

48.9290, 69.4243,
96.4107

90.6465, 93.9460,
98.9451

47.7506, 68.5706,
96.3080

90.8192, 94.2913,
99.0026

47.1165, 67.9982,
96.2309

90.9924, 94.6377,
99.0603

47.0046, 67.8823,
96.2144

91.1661, 94.9852,
99.1183

Harmonies

Analogous

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



72.1259, 83.0503, 87.1558



72.4671, 83.0503, 97.7988



74.5122, 83.0503, 107.1067

Triad

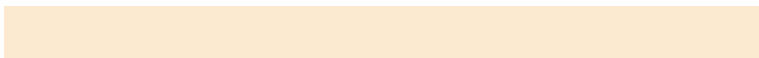
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4671, 83.0503, 97.7988



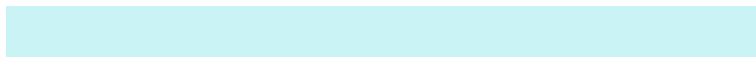
84.5640, 83.0503, 103.9686



80.0990, 83.0503, 71.7839

Complementary

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



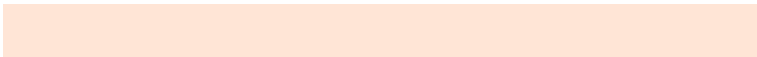
72.4671, 83.0503, 97.7988



68.9721, 65.6913, 64.3044

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.



83.5332, 83.0503, 75.5768



72.4671, 83.0503, 97.7988



86.1636, 83.0503, 93.7804

Square

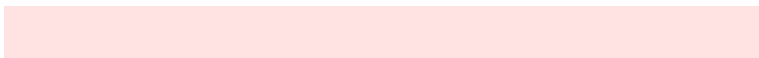
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4671, 83.0503, 97.7988



81.4703, 83.0503, 110.8575



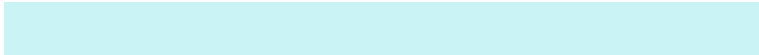
85.7806, 83.0503, 83.4365



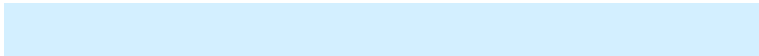
76.4564, 83.0503, 72.6760

Rectangle

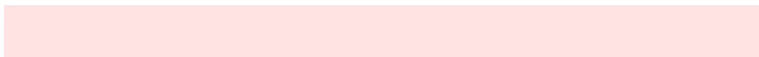
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



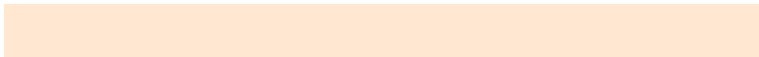
72.4671, 83.0503, 97.7988



76.6028, 83.0503, 111.0360



85.7806, 83.0503, 83.4365



81.3177, 83.0503, 72.5413

Sweetspot

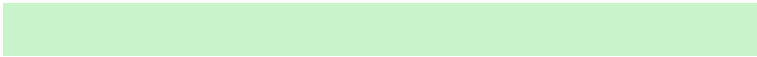
The Sweet Spot groups the original color and five complimentary colors.



72.4695, 83.0537, 97.8007



90.4196, 97.4731, 108.6563



67.0667, 81.3712, 67.8744



19.2195, 20.7900, 23.2498



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.



72.4695, 83.0537, 97.8007



77.6238, 90.4305, 107.9714



66.4818, 71.0782, 95.8048



16.9618, 18.6880, 21.2557



25.5731, 36.9399, 52.3203



2.2579, 3.2672, 4.6019

Inverse Universe

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



74.3744, 67.4792, 93.9027



80.0825, 70.3837, 102.9281



74.2979, 76.3429, 66.0796



17.1961, 16.7613, 20.7791



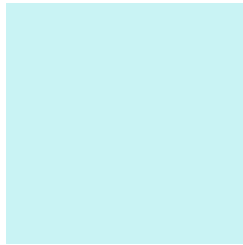
28.7126, 13.8285, 45.3224



2.5287, 1.2175, 4.0107

Previews

White Background



This preview shows how the XYZ color 72.4671, 83.0503, 97.7988 looks on a white background.

Color Contrast Check

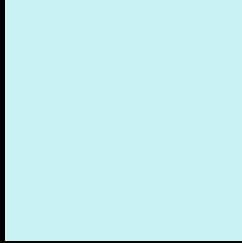
Large Text (above 18pt) WCAG AA × Fail

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 72.4671, 83.0503, 97.7988 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 72.4671, 83.0503, 97.7988

Background



This preview shows how black text looks on a background with the XYZ color 72.4671, 83.0503, 97.7988.

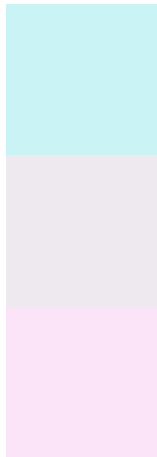


This preview shows how white text looks on a background with the XYZ color 72.4671, 83.0503,

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

72.4671, 83.0503, 97.7988

Protanopia

79.4966, 82.4554, 92.6145

Deuteranopia

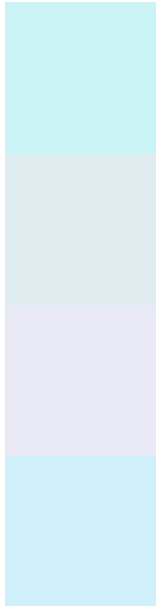
84.3156, 82.7114, 99.5167



Tritanopia

75.4948, 82.6546, 106.5827

Trichromacy



Original Color

72.4671, 83.0503, 97.7988

Protanomaly

76.7528, 82.7069, 94.3568

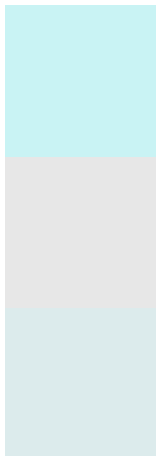
Deuteranomaly

79.3777, 82.2553, 98.8820

Tritanomaly

74.3048, 82.5506, 103.2844

Monochromacy



Original Color

72.4671, 83.0503, 97.7988

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.3639, 80.6884, 91.0119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4671, 83.0503, 97.7988 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, 243, 244)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 244)  
}
```

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, 243, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.4671, 83.0503, 97.7988 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, 243, 244) }
```


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

```
.border{ border-color:rgb(201, 243, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 244);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4671, 83.0503, 97.7988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 244) }
```

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

```
.background{ background-color: rgb(201,  
243, 244) }
```

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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