

Converting Colors

XYZ(67.3369, 71.9003, 97.5192)

Have a look what the booklet for
XYZ(67.3369, 71.9003, 97.5192)
contains.

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Color

**XYZ(67.3793, 71.9857,
97.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	CADFF6
RGB	202, 223, 246
RGB Percent	79%, 87%, 96%
CMY	0.2078, 0.1255, 0.0353
CMYK	0.18, 0.09, 0.00, 0.04
HSL	211°, 71%, 88%
HSV	211°, 18%, 96%
XYZ	67.3793, 71.9857, 97.5321
YIQ	219.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

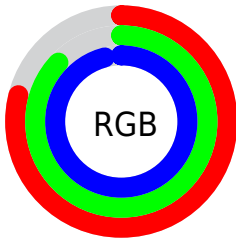
Format	Color
R_{YB}	202, 216, 246
Decimal	13295606
CIE _{Lab}	87.96, -2.28, -13.55
CIE _{LCh}	88, 13.740, 260.431
Yxy	71.9857, 0.2844, 0.3039
Android (android.graphics.Color)	4291485686 (0xFFCADFF6)
YUV	219.3430, 13.1419, -15.2098
Hunter-Lab	84.8444, -6.7216, -8.7652

Details

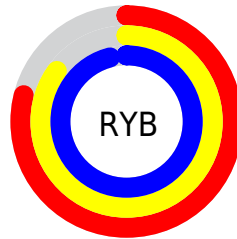
The XYZ color **67.3793, 71.9857, 97.5321** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5924, 77.7074, 66.8935**, and the grayscale version is **67.4933, 71.0082, 77.3279**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3295, 37.9260, 54.1736** is the 20% darker color. If you saturate the color by 10%, you get **57.9409, 62.2142, 96.1446**, and if you desaturate by 10%, it is **78.1439, 82.8319, 99.0594**.

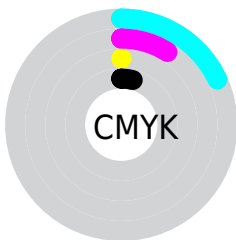
Distribution



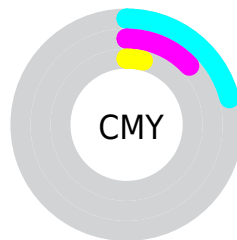
- Red (79%)
- Green (87%)
- Blue (96%)



- Red (79%)
- Yellow (85%)
- Blue (96%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3793, 71.9857, 97.5321 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 67.3793, 71.9857, 97.5321 by changing the saturation by 10% instead.

■ 67.3793, 71.9857,
97.5321

■ 67.3793, 71.9857,
97.5321

440.7050,
467.4918, 573.4300

■ 49.6648, 53.1470,
73.6357

114.5105,
122.0362, 159.7837

■ 35.3638, 37.9201,
54.0010

144.6580,
154.0168, 198.9761

■ 24.1111, 25.9207,
38.2093

179.6804,
191.1468, 244.1042

■ 15.5412, 16.7643,
25.8421

219.9432,
233.8106, 295.5866

■ 9.2889, 10.0666,
16.4808

265.8117,
282.3926, 353.8419

■ 4.9887, 5.4431,
9.7070

317.6512,

■ 2.2753, 2.5095,

337.2772, 419.2885

5.1021

375.8272,
398.8488, 492.3450

■ 0.7820, 0.8814,
2.2475

■ 0.0000, 0.0000,
0.7016

■ 67.3793, 71.9857,
97.5321

■ 67.3793, 71.9857,
97.5321

■ 57.9409, 62.2142,
96.1446

■ 78.1439, 82.8319,
99.0594

■ 49.7664, 53.4711,
94.8879

■ 90.2806, 94.7791,
100.7258

■ 42.7976, 45.7195,
93.7590

■ 93.6348, 99.4339,
101.4475

■ 36.9692, 38.9165,
92.7530

■ 32.2088, 33.0152,
91.8649

■ 28.4349, 27.9637,
91.0888

■ 25.5521, 23.7024,
90.4182

■ 23.4337, 20.1551,
89.8451

■ 23.0457, 19.4758,
89.7345

Harmonies

Analogous

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



64.4888, 71.9857, 93.1124



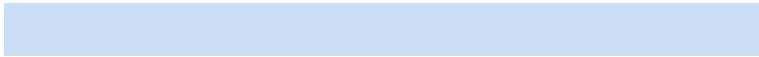
67.3793, 71.9857, 97.5321



70.6409, 71.9857, 96.5140

Triad

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



67.3793, 71.9857, 97.5321



74.4893, 71.9857, 72.2548



63.6823, 71.9857, 67.4495

Complementary

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



67.3793, 71.9857, 97.5321



75.5924, 77.7074, 66.8935

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.



66.2466, 71.9857, 62.6732



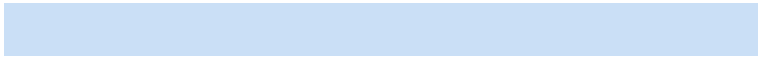
67.3793, 71.9857, 97.5321



72.5083, 71.9857, 65.2902

Square

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



67.3793, 71.9857, 97.5321



74.8161, 71.9857, 81.4150



69.4719, 71.9857, 61.9155



62.3997, 71.9857, 75.4218

Rectangle

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



67.3793, 71.9857, 97.5321



72.5838, 71.9857, 92.9170



69.4719, 71.9857, 61.9155



64.4191, 71.9857, 65.4446

Sweetspot

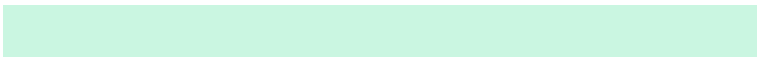
The Sweet Spot groups the original color and five complimentary colors.



67.3815, 71.9887, 97.5337



88.4246, 93.4831, 107.9913



70.8685, 83.8911, 83.5023



18.7337, 19.8184, 23.0879



0.0000, 0.0000, 0.0000



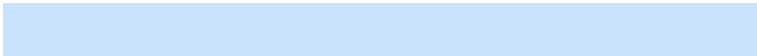
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3815, 71.9887, 97.5337



69.7307, 74.6444, 105.3403



62.3125, 61.5555, 95.7871



16.2337, 17.2317, 21.0130



12.4393, 10.6724, 47.9424



1.1955, 1.1425, 4.2477

Inverse Universe

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



72.4475, 67.1632, 78.9608



76.0984, 68.7901, 81.9483



81.3669, 89.6375, 68.8919



16.8285, 16.6143, 18.8437



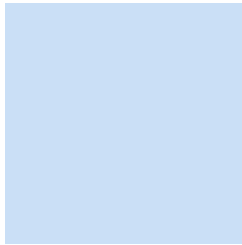
22.0833, 11.1768, 10.4130



1.9925, 1.0030, 1.1869

Previews

White Background



This preview shows how the XYZ color 67.3793, 71.9857, 97.5321 looks on a white background.

Color Contrast Check

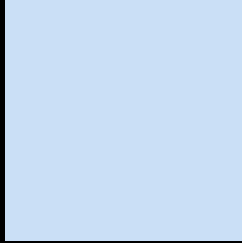
Large Text (above 18pt) WCAG AA × Fail

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 67.3793, 71.9857, 97.5321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

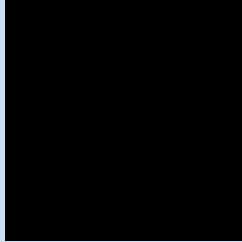
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

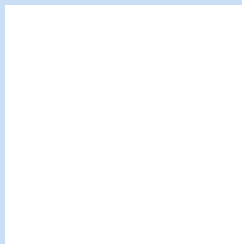
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3793, 71.9857, 97.5321

Background



This preview shows how black text looks on a background with the XYZ color 67.3793, 71.9857, 97.5321.



This preview shows how white text looks on a background with the XYZ color 67.3793, 71.9857,

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

67.3793, 71.9857, 97.5321

Protanopia

70.1245, 71.8858, 94.9734

Deuteranopia

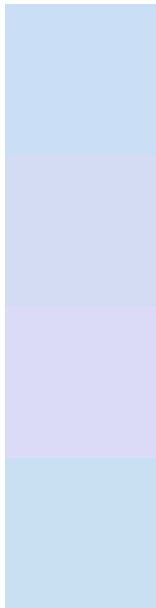
73.5568, 72.0362, 98.8345



Tritanopia

66.7701, 72.1396, 94.4096

Trichromacy



Original Color

67.3793, 71.9857, 97.5321

Protanomaly

69.0737, 71.7151, 95.7898

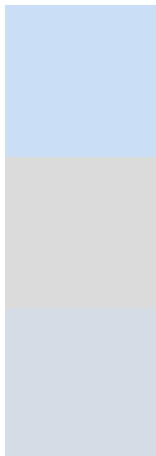
Deuteranomaly

71.0733, 71.9183, 98.1313

Tritanomaly

66.9207, 72.1999, 95.2029

Monochromacy



Original Color

67.3793, 71.9857, 97.5321

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1766, 70.9897, 84.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3793, 71.9857, 97.5321 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(202, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 246)  
}
```

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(202, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 246) }
```

Border

The CSS property to change the border of an element to XYZ 67.3793, 71.9857, 97.5321 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(202, 223, 246) }
```


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

```
.border{ border-color:rgb(202, 223, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 223, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3793, 71.9857, 97.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 246) }
```

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

```
.background{ background-color: rgb(202,  
223, 246) }
```

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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