

Converting Colors

XYZ(70.1989, 79.3793, 91.7426)

Have a look what the booklet for
XYZ(70.1989, 79.3793, 91.7426)
contains.

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Color

**XYZ(70.1989, 79.3793,
91.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEBED
RGB	203, 237, 237
RGB Percent	80%, 93%, 93%
CMY	0.2039, 0.0706, 0.0706
CMYK	0.14, 0.00, 0.00, 0.07
HSL	180°, 49%, 86%
HSV	180°, 14%, 93%
XYZ	70.1989, 79.3793, 91.7426
YIQ	226.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

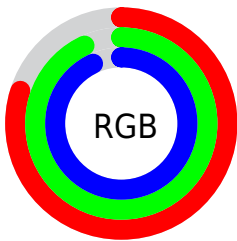
Format	Color
R _{YB}	203, 220, 237
Decimal	13364717
CIE Lab	91.41, -10.99, -3.72
CIE LCh	91, 11.606, 198.686
Yxy	79.3793, 0.2909, 0.3289
Android (android.graphics.Color)	4291554797 (0xFFCBEDED)
YUV	226.8340, 5.0118, -20.9024
Hunter-Lab	89.0951, -15.2744, 1.3147

Details

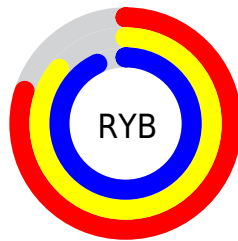
The XYZ color **70.1989, 79.3793, 91.7426** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.0634, 65.0305, 65.5211**, and the grayscale version is **72.8702, 76.6651, 83.4883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0771, 42.6798, 49.9999** is the 20% darker color. If you saturate the color by 10%, you get **64.2319, 76.3053, 91.4633**, and if you desaturate by 10%, it is **77.1572, 82.9685, 92.0717**.

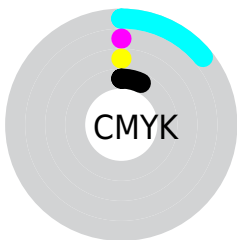
Distribution



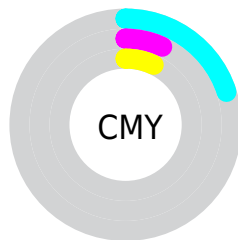
- Red (80%)
- Green (93%)
- Blue (93%)



- Red (80%)
- Yellow (86%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1989, 79.3793, 91.7426 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 70.1989, 79.3793, 91.7426 by changing the saturation by 10% instead.

70.1989, 79.3793,
91.7426

70.1989, 79.3793,
91.7426

450.5036,
492.8386, 554.3990

51.9689, 59.2077,
68.8450

118.5171,
132.4927, 151.7132

37.2044, 42.7804,
50.1145

149.3360,
166.2033, 189.6233

25.5402, 29.7128,
35.1326

185.0818,
205.1957, 233.3746

16.6109, 19.6207,
23.4807

226.1201,
249.8543, 283.3858

10.0510, 12.1196,
14.7402

272.8160,
300.5635, 340.0752

5.4953, 6.8252,
8.4927

325.5350,

2.5784, 3.3530,

357.7077, 403.8616

4.3195

384.6424,
421.6712, 475.1633

■ 0.9350, 1.3187,
1.8022

■ 0.0000, 0.1556,
0.4294

■ 70.1989, 79.3793,
91.7426

■ 70.1989, 79.3793,
91.7426

■ 64.2319, 76.3053,
91.4633

■ 77.1572, 82.9685,
92.0717

■ 59.2045, 73.7137,
91.2262


■ 85.1417, 87.0846,
92.4471


■ 55.0711, 71.5829,
91.0311


■ 86.8129, 87.9461,
92.5270


■ 51.7793, 69.8859,
90.8752


■ 86.8132, 87.9463,
92.5288


 49.2713, 68.5930,
90.7561


 86.8136, 87.9464,
92.5306


 47.4820, 67.6707,
90.6706


 86.8139, 87.9465,
92.5323


 46.3361, 67.0799,
90.6153

 86.8143, 87.9467,
92.5341

 45.7411, 66.7733,
90.5857

 86.8146, 87.9468,
92.5359

 45.5690, 66.6846,
90.5766

 86.8149, 87.9469,
92.5376

Harmonies

Analogous

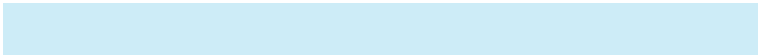
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0191, 79.3793, 83.2814



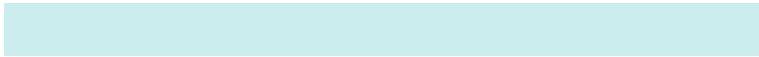
70.1989, 79.3793, 91.7426



71.7631, 79.3793, 99.2208

Triad

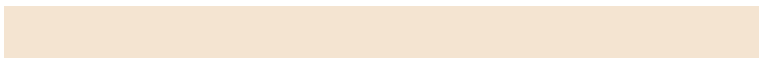
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1989, 79.3793, 91.7426



79.7906, 79.3793, 97.6094



76.5663, 79.3793, 71.4543

Complementary

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



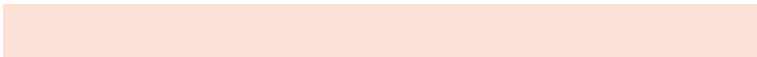
70.1989, 79.3793, 91.7426



67.0634, 65.0305, 65.5211

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.



79.2562, 79.3793, 74.7896



70.1989, 79.3793, 91.7426



81.1498, 79.3793, 89.6581

Square

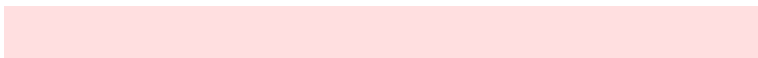
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1989, 79.3793, 91.7426



77.2803, 79.3793, 102.7574



80.9517, 79.3793, 81.3276



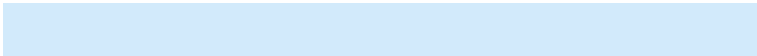
73.6441, 79.3793, 71.9318

Rectangle

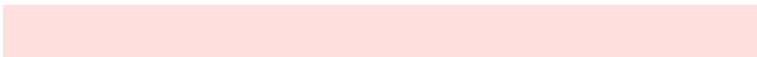
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1989, 79.3793, 91.7426



73.4039, 79.3793, 102.4717



80.9517, 79.3793, 81.3276



77.5290, 79.3793, 72.1575

Sweetspot

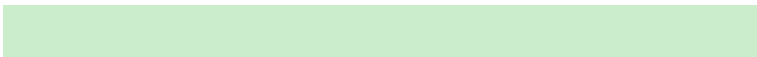
The Sweet Spot groups the original color and five complimentary colors.



70.2012, 79.3826, 91.7444



91.3963, 98.1165, 108.7282



65.8493, 77.6597, 68.0207



19.4202, 20.9276, 23.2656



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.



70.2012, 79.3826, 91.7444



80.8599, 92.6848, 108.2324



65.6592, 70.2979, 90.2328



15.5177, 17.1219, 19.4089



24.8779, 36.4056, 49.4493



1.9535, 2.8587, 3.8831

Inverse Universe

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



67.0634, 65.0305, 65.5211



76.5362, 72.9082, 72.0977



71.1522, 73.2086, 66.8820



15.0656, 15.0541, 15.6307



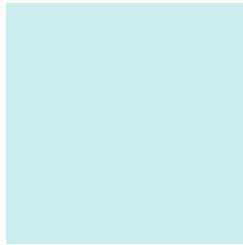
19.0679, 9.8298, 0.8929



1.4973, 0.7719, 0.0702

Previews

White Background



This preview shows how the XYZ color 70.1989, 79.3793, 91.7426 looks on a white background.

Color Contrast Check

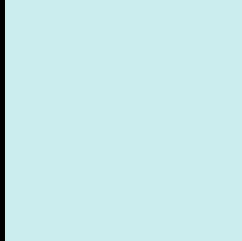
Large Text (above 18pt) WCAG AA × Fail

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 70.1989, 79.3793, 91.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

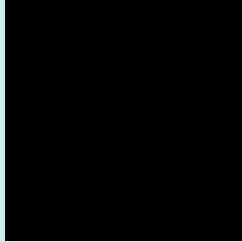
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1989, 79.3793, 91.7426

Background



This preview shows how black text looks on a background with the XYZ color 70.1989, 79.3793, 91.7426.



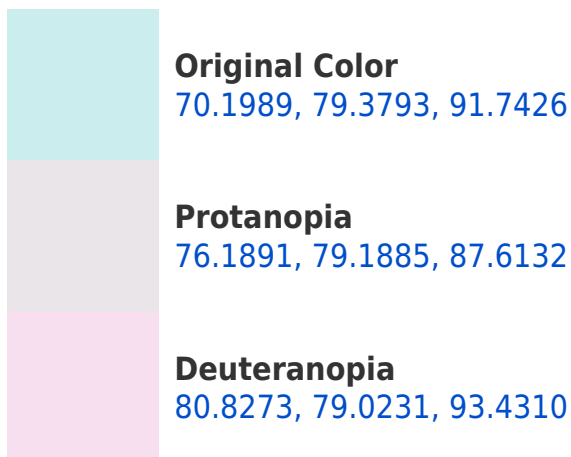
This preview shows how white text looks on a background with the XYZ color 70.1989, 79.3793,

91.7426.

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

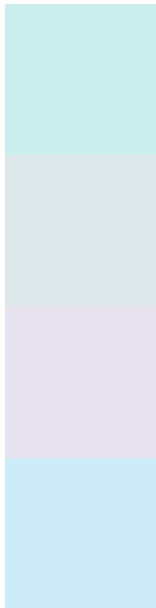




Tritanopia

72.8916, 79.6303, 104.4569

Trichromacy



Original Color

70.1989, 79.3793, 91.7426

Protanomaly

73.8321, 79.1833, 89.2344

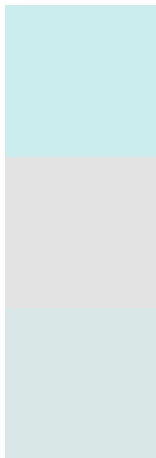
Deuteranomaly

76.6021, 78.8746, 92.8483

Tritanomaly

71.9608, 79.6854, 99.5838

Monochromacy



Original Color

70.1989, 79.3793, 91.7426

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.9132, 77.8268, 86.8331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1989, 79.3793, 91.7426 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(203, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(203, 237, 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(203, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 70.1989, 79.3793, 91.7426 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(203, 237, 237) }
```


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

```
.border{ border-color:rgb(203, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(203, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(203, 237,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1989, 79.3793, 91.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 237, 237) }
```

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

```
.background{ background-color: rgb(203,  
237, 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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