

Converting Colors

XYZ(70.1718, 79.0068, 99.8723)

Have a look what the booklet for
XYZ(70.1718, 79.0068, 99.8723)
contains.

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Color

**XYZ(70.3614, 79.2895,
99.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	C6EDF7
RGB	198, 237, 247
RGB Percent	78%, 93%, 97%
CMY	0.2235, 0.0706, 0.0314
CMYK	0.20, 0.04, 0.00, 0.03
HSL	192°, 75%, 87%
HSV	192°, 20%, 97%
XYZ	70.3614, 79.2895, 99.5917
YIQ	226.4790, -26.4540, -5.1580

Conversions

Conversions Part 2

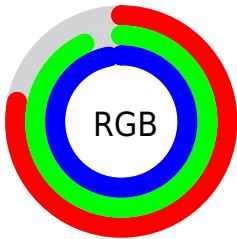
Format	Color
R _Y B	198, 220, 247
Decimal	13037047
CIE Lab	91.37, -10.47, -9.03
CIE LCh	91, 13.827, 220.769
Yxy	79.2895, 0.2823, 0.3181
Android (android.graphics.Color)	4291227127 (0xFFC6EDF7)
YUV	226.4790, 10.1169, -24.9761
Hunter-Lab	89.0447, -14.7808, -3.9815

Details

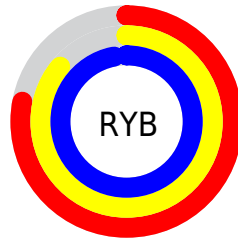
The XYZ color **70.3614, 79.2895, 99.5917** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1075, 68.9634, 62.9912**, and the grayscale version is **72.5801, 76.3599, 83.1559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2555, 42.6490, 55.5587** is the 20% darker color. If you saturate the color by 10%, you get **62.9362, 73.3280, 98.8336**, and if you desaturate by 10%, it is **78.8940, 85.8869, 100.4167**.

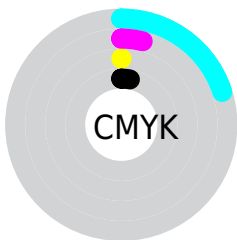
Distribution



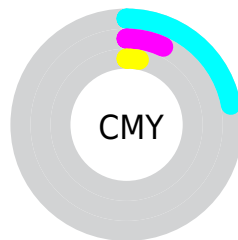
- Red (78%)
- Green (93%)
- Blue (97%)



- Red (78%)
- Yellow (86%)
- Blue (97%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3614, 79.2895, 99.5917 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 70.3614, 79.2895, 99.5917 by changing the saturation by 10% instead.

70.3614, 79.2895,
99.5917

70.3614, 79.2895,
99.5917

451.0646,
492.5352, 580.1183

52.1019, 59.1339,
75.3446

118.7475,
132.3663, 162.6430

37.3109, 42.7209,
55.3918

149.6047,
166.0563, 202.2842

25.6231, 29.6662,
39.3148

185.3919,
205.0266, 247.8939

16.6731, 19.5853,
26.6950

226.4744,
249.6614, 299.8906

10.0955, 12.0940,
17.1139

273.2176,
300.3453, 358.6929

5.5251, 6.8077,
10.1529

325.9867,

2.5964, 3.3421,

357.4627, 424.7192

5.3935

385.1473,
421.3978, 498.3882

■ 0.9441, 1.3129,
2.4172

■ 0.0000, 0.1511,
0.7958

■ 70.3614, 79.2895,
99.5917

■ 70.3614, 79.2895,
99.5917

■ 62.9362, 73.3280,
98.8336

■ 78.8940, 85.8869,
100.4167

■ 56.5596, 67.9654,
98.1346

■ 88.5752, 93.1357,
101.3056

■ 51.1779, 63.1756,
97.4938

■ 92.8778, 97.6736,
101.9547

■ 46.7299, 58.9264,
96.9080

■ 93.7888, 99.4955,
102.2584

■ 43.1470, 55.1822,
96.3742

■ 40.3511, 51.9020,
95.8884

■ 38.2491, 49.0374,
95.4462

■ 36.6896, 46.5097,
95.0405

■ 36.6660, 46.4700,
95.0341

Harmonies

Analogous

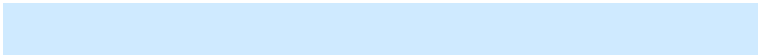
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.9193, 79.2895, 89.9981



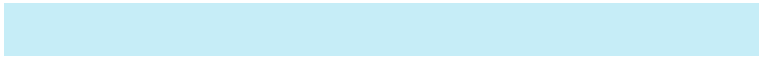
70.3614, 79.2895, 99.5917



73.1592, 79.2895, 105.9171

Triad

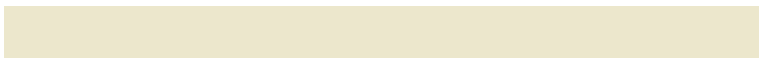
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3614, 79.2895, 99.5917



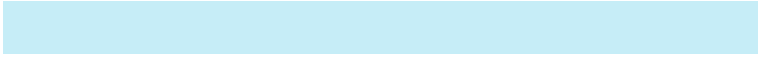
81.9218, 79.2895, 92.8628



74.1072, 79.2895, 68.6885

Complementary

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



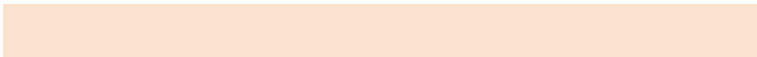
70.3614, 79.2895, 99.5917



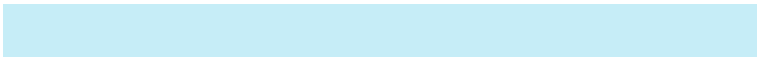
71.1075, 68.9634, 62.9912

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.



77.6092, 79.2895, 69.3248



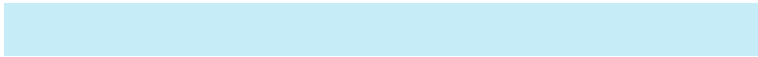
70.3614, 79.2895, 99.5917



82.1949, 79.2895, 82.7683

Square

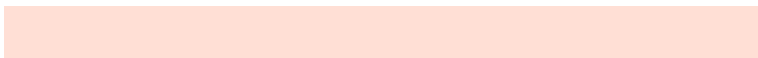
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



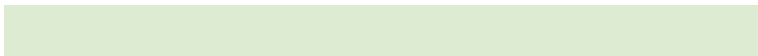
70.3614, 79.2895, 99.5917



79.8599, 79.2895, 101.8284



80.5947, 79.2895, 74.3062



71.0368, 79.2895, 72.4948

Rectangle

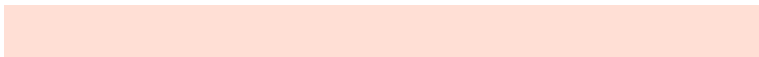
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



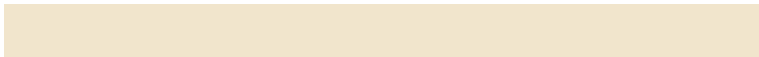
70.3614, 79.2895, 99.5917



75.4530, 79.2895, 107.1571



80.5947, 79.2895, 74.3062



75.2717, 79.2895, 68.3979

Sweetspot

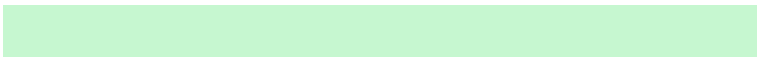
The Sweet Spot groups the original color and five complimentary colors.



70.3637, 79.2927, 99.5935



88.6556, 95.2373, 108.3177



67.9116, 83.0730, 72.0026



18.8329, 20.2771, 23.1712



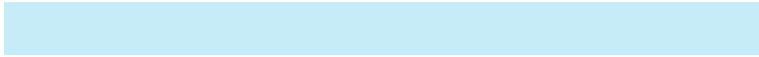
0.0000, 0.0000, 0.0000



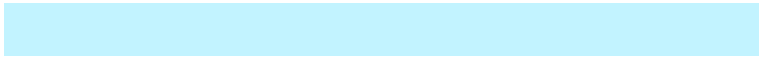
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3637, 79.2927, 99.5935



72.1521, 82.4734, 106.7239



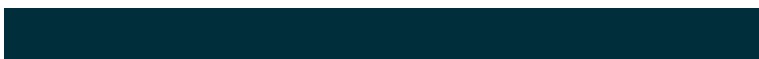
63.7977, 66.1606, 97.4048



16.6928, 18.1499, 21.1660



19.4956, 24.7850, 50.2945



1.7843, 2.3200, 4.4440

Inverse Universe

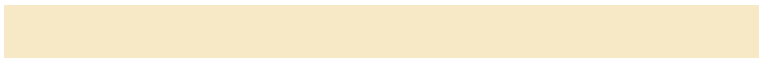
The Inverse Universe completely reimagines the original color for something new.



73.8398, 66.2786, 89.0256



76.5916, 66.1963, 93.1499



77.4934, 81.7352, 65.1199



17.0603, 16.7070, 20.0640



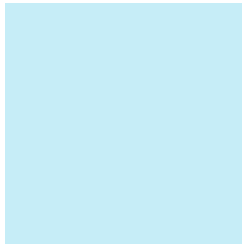
25.6450, 12.6014, 29.1687



2.2897, 1.1218, 2.7519

Previews

White Background



This preview shows how the XYZ color 70.3614, 79.2895, 99.5917 looks on a white background.

Color Contrast Check

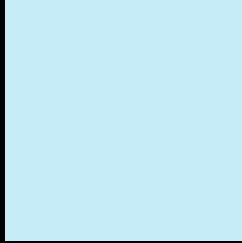
Large Text (above 18pt) WCAG AA × Fail

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 70.3614, 79.2895, 99.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

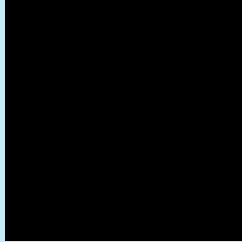
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3614, 79.2895, 99.5917

Background



This preview shows how black text looks on a background with the XYZ color 70.3614, 79.2895, 99.5917.

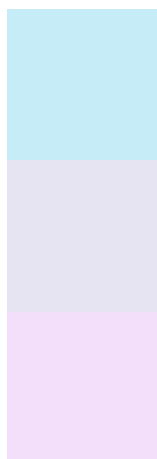


This preview shows how white text looks on a background with the XYZ color 70.3614, 79.2895,

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

70.3614, 79.2895, 99.5917

Protanopia

76.4035, 78.7206, 95.1721

Deuteranopia

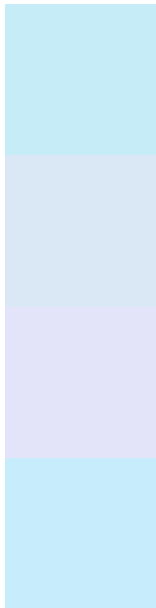
80.6051, 78.7322, 101.3910



Tritanopia

71.5986, 79.3530, 106.1508

Trichromacy



Original Color

70.3614, 79.2895, 99.5917

Protanomaly

73.8185, 78.5889, 96.8665

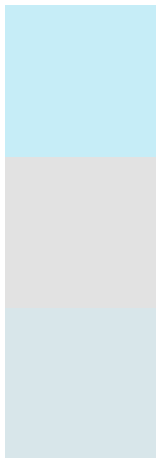
Deuteranomaly

76.5208, 78.6573, 100.7718

Tritanomaly

71.1193, 79.1613, 103.6267

Monochromacy



Original Color

70.3614, 79.2895, 99.5917

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.4670, 77.1331, 88.9634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3614, 79.2895, 99.5917 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(198, 237, 247)` looks like.

```
.text, #text, p{  
    color:rgb(198, 237, 247)  
}
```

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(198, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 237, 247) }
```

Border

The CSS property to change the border of an element to XYZ 70.3614, 79.2895, 99.5917 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(198, 237, 247) }
```


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

```
.border{ border-color:rgb(198, 237, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 237, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(198, 237,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3614, 79.2895, 99.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 237, 247) }
```

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

```
.background{ background-color: rgb(198,  
237, 247) }
```

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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