

Converting Colors

XYZ(71.3720, 79.8017, 97.9902)

Have a look what the booklet for
XYZ(71.3720, 79.8017, 97.9902)
contains.

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Color

**XYZ(71.3942, 79.8575,
98.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEDF5
RGB	203, 237, 245
RGB Percent	80%, 93%, 96%
CMY	0.2039, 0.0706, 0.0392
CMYK	0.17, 0.03, 0.00, 0.04
HSL	191°, 68%, 88%
HSV	191°, 17%, 96%
XYZ	71.3942, 79.8575, 98.0374
YIQ	227.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

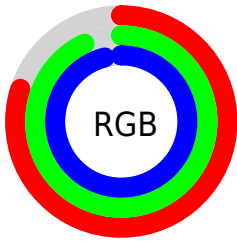
Format	Color
R _Y B	203, 222, 245
Decimal	13364725
CIE Lab	91.62, -9.37, -7.57
CIE LCh	92, 12.049, 218.940
Yxy	79.8575, 0.2864, 0.3203
Android (android.graphics.Color)	4291554805 (0xFFCBEDEF5)
YUV	227.7460, 8.5062, -21.7022
Hunter-Lab	89.3630, -13.7775, -2.4911

Details

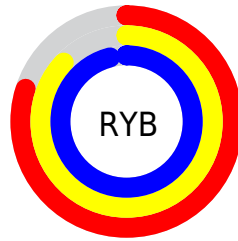
The XYZ color **71.3942, 79.8575, 98.0374** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.7305, 70.3126, 66.2924**, and the grayscale version is **73.5109, 77.3392, 84.2224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9219, 43.0178, 54.4487** is the 20% darker color. If you saturate the color by 10%, you get **63.9097, 74.0221, 97.3068**, and if you desaturate by 10%, it is **79.9729, 86.3133, 98.8326**.

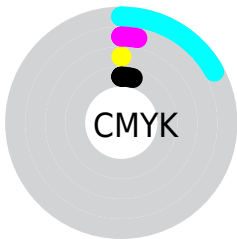
Distribution



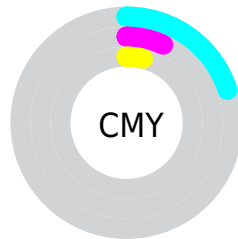
- Red (80%)
- Green (93%)
- Blue (96%)



- Red (80%)
- Yellow (87%)
- Blue (96%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3942, 79.8575, 98.0374 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 71.3942, 79.8575, 98.0374 by changing the saturation by 10% instead.

71.3942, 79.8575,
98.0374

71.3942, 79.8575,
98.0374

454.6207,
494.4525, 575.0747

52.9476, 59.6011,
74.0548

120.2103,
133.1654, 160.4858

37.9883, 43.0972,
54.3418

151.3106,
166.9856, 199.7886

26.1508, 29.9614,
38.4800

187.3595,
206.0959, 245.0353

17.0697, 19.8093,
26.0507

228.7224,
250.8807, 296.6443

10.3798, 12.2565,
16.6355

275.7646,
301.7244, 355.0342

5.7157, 6.9186,
9.8157

328.8515,

2.7120, 3.4112,

359.0113, 420.6235

5.1729

388.3484,
423.1259, 493.8309

■ 1.0034, 1.3500,
2.2886

■ 0.0000, 0.1794,
0.7248

■ 71.3942, 79.8575,
98.0374

■ 71.3942, 79.8575,
98.0374

■ 63.9097, 74.0221,
97.3068

■ 79.9729, 86.3133,
98.8326

■ 57.4627, 68.7713,
96.6331

■ 89.6851, 93.4039,
99.6894

■ 52.0019, 64.0803,
96.0155

■ 92.2187, 96.8466,
100.2203

■ 47.4688, 59.9184,
95.4511

■ 93.4817, 99.3727,
100.6414

■ 43.7984, 56.2520,
94.9368

■ 40.9171, 53.0424,
94.4692

■ 38.7385, 50.2449,
94.0440

■ 37.1511, 47.8015,
93.6561

■ 36.7567, 47.1428,
93.5497

Harmonies

Analogous

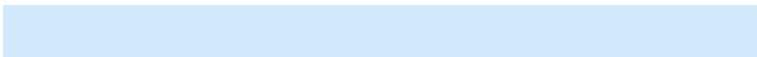
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2082, 79.8575, 89.6100



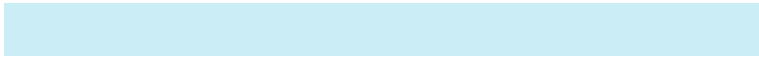
71.3942, 79.8575, 98.0374



73.7966, 79.8575, 103.7354

Triad

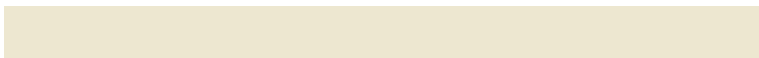
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3942, 79.8575, 98.0374



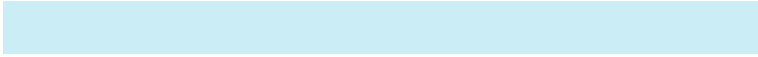
81.5563, 79.8575, 93.1812



74.9868, 79.8575, 71.2690

Complementary

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



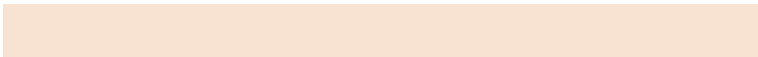
71.3942, 79.8575, 98.0374



71.7305, 70.3126, 66.2924

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.



78.0474, 79.8575, 72.0828



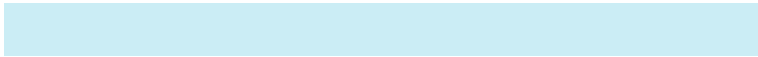
71.3942, 79.8575, 98.0374



81.8959, 79.8575, 84.3456

Square

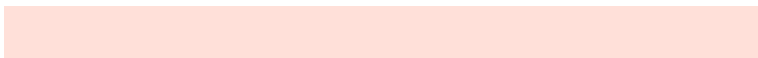
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3942, 79.8575, 98.0374



79.6804, 79.8575, 100.8027



80.5960, 79.8575, 76.7340



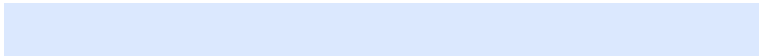
72.2453, 79.8575, 74.4306

Rectangle

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



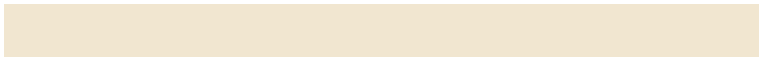
71.3942, 79.8575, 98.0374



75.7928, 79.8575, 105.0100



80.5960, 79.8575, 76.7340



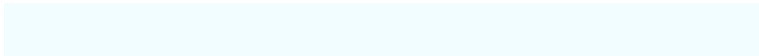
76.0117, 79.8575, 71.0915

Sweetspot

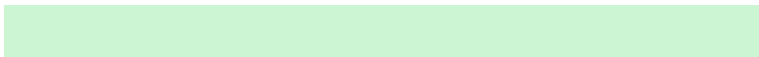
The Sweet Spot groups the original color and five complimentary colors.



71.3965, 79.8608, 98.0392



89.7443, 96.1224, 108.4312



69.0027, 82.6909, 73.7565



19.0548, 20.4606, 23.1949



0.0000, 0.0000, 0.0000



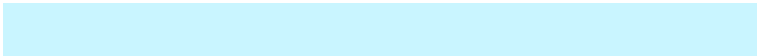
20.3446, 21.4041, 23.3091

Same Dimension

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



71.3965, 79.8608, 98.0392



74.8518, 84.8864, 107.0473



65.7442, 68.5561, 96.1551



16.7129, 18.1900, 21.1727



19.8985, 25.5907, 50.4288



1.8163, 2.3840, 4.4547

Inverse Universe

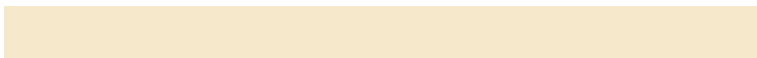
The Inverse Universe completely reimagines the original color for something new.



74.3000, 68.2404, 89.3803



78.6833, 69.8240, 95.5599



77.2093, 81.2702, 68.1187



17.0704, 16.7110, 20.1173



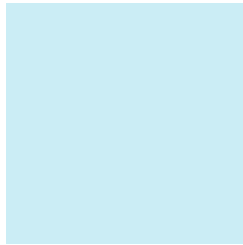
25.8483, 12.6828, 30.2394



2.3058, 1.1283, 2.8370

Previews

White Background



This preview shows how the XYZ color 71.3942, 79.8575, 98.0374 looks on a white background.

Color Contrast Check

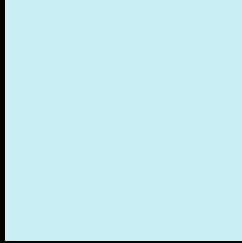
Large Text (above 18pt) WCAG AA × Fail

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 71.3942, 79.8575, 98.0374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

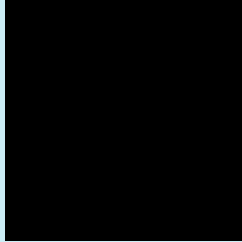
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3942, 79.8575, 98.0374

Background



This preview shows how black text looks on a background with the XYZ color 71.3942, 79.8575, 98.0374.

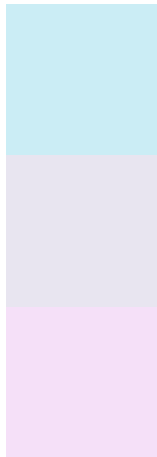


This preview shows how white text looks on a background with the XYZ color 71.3942, 79.8575,

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

71.3942, 79.8575, 98.0374

Protanopia

77.0262, 79.4857, 93.7206

Deuteranopia

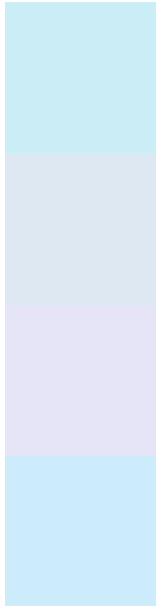
81.2551, 79.5011, 99.8696



Tritanopia

73.0617, 80.1258, 105.3810

Trichromacy



Original Color

71.3942, 79.8575, 98.0374

Protanomaly

74.7024, 79.4962, 95.4115

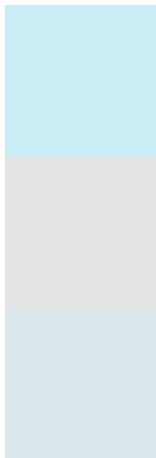
Deuteranomaly

77.4409, 79.5770, 99.2740

Tritanomaly

72.3099, 79.7933, 102.8573

Monochromacy



Original Color

71.3942, 79.8575, 98.0374

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.6406, 78.1524, 89.0983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3942, 79.8575, 98.0374 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(203, 237, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 237, 245) }
```

Border

The CSS property to change the border of an element to XYZ 71.3942, 79.8575, 98.0374 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, 245) }
```


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

```
.border{ border-color:rgb(203, 237, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(203, 237,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3942, 79.8575, 98.0374 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, 245) }
```

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

```
.background{ background-color: rgb(203,  
237, 245) }
```

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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