

Converting Colors

XYZ(74.0718, 82.9699, 91.8195)

Have a look what the booklet for
XYZ(74.0718, 82.9699, 91.8195)
contains.

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Color

**XYZ(74.0362, 83.1129,
91.4971)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F1EC
RGB	213, 241, 236
RGB Percent	84%, 95%, 93%
CMY	0.1647, 0.0549, 0.0745
CMYK	0.12, 0.00, 0.02, 0.05
HSL	169°, 50%, 89%
HSV	169°, 12%, 95%
XYZ	74.0362, 83.1129, 91.4971
YIQ	232.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

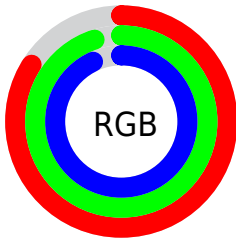
Format	Color
R _Y B	213, 228, 241
Decimal	14021100
CIE Lab	93.06, -10.05, -0.69
CIE LCh	93, 10.076, 183.932
Yxy	83.1129, 0.2978, 0.3343
Android (android.graphics.Color)	4292211180 (0xFFD5F1EC)
YUV	232.0580, 1.9434, -16.7139
Hunter-Lab	91.1663, -14.5810, 4.3112

Details

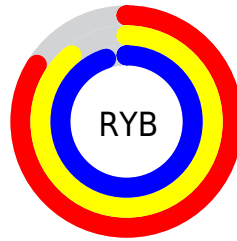
The XYZ color **74.0362, 83.1129, 91.4971** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.7278, 71.3534, 76.2729**, and the grayscale version is **76.7411, 80.7377, 87.9233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6877, 45.2623, 49.8247** is the 20% darker color. If you saturate the color by 10%, you get **66.9409, 79.5288, 87.9397**, and if you desaturate by 10%, it is **82.1901, 87.2455, 95.1863**.

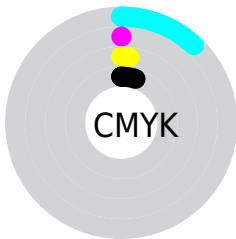
Distribution



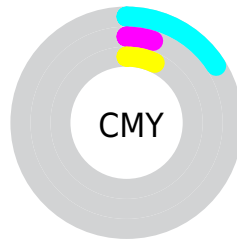
- Red (84%)
- Green (95%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0362, 83.1129, 91.4971 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 74.0362, 83.1129, 91.4971 by changing the saturation by 10% instead.

74.0362, 83.1129,
91.4971

74.0362, 83.1129,
91.4971

463.6467,
505.3627, 553.5842

55.1151, 62.2833,
68.6423

123.9423,
137.7336, 151.3698

39.7281, 45.2616,
49.9505

155.6581,
172.2934, 189.2249

27.5098, 31.6636,
35.0032

192.3693,
212.1988, 232.9170

18.0951, 21.1047,
23.3817

234.4415,
257.8342, 282.8649

11.1184, 13.2005,
14.6677

282.2400,
309.5838, 339.4870

6.2144, 7.5668,
8.4425

336.1301,

3.0178, 3.8190,

367.8322, 403.2019

4.2876

396.4772,
432.9637, 474.4281

■ 1.1632, 1.5728,
1.7844

■ 0.0770, 0.3392,
0.4176

■ 74.0362, 83.1129,
91.4971

■ 74.0362, 83.1129,
91.4971

■ 66.9409, 79.5288,
87.9397

■ 82.1901, 87.2455,
95.1863

■ 60.8514, 76.4593,
84.5058

■ 89.1195, 90.7428,
98.8958

■ 55.7209, 73.8824,
81.1944

■ 89.7834, 91.0083,
102.3919

■ 51.4961, 71.7707,
78.0026

■ 90.4627, 91.2801,
105.9690

■ 48.1183, 70.0939,
74.9269

■ 90.7469, 91.3937,
107.4656

■ 45.5220, 68.8184,
71.9638

■ 43.6317, 67.9051,
69.1092

■ 42.3570, 67.3076,
66.3581

■ 41.6432, 66.9883,
64.1263

Harmonies

Analogous

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



74.5207, 83.1129, 84.2524



74.0362, 83.1129, 91.4971



74.8562, 83.1129, 98.8619

Triad

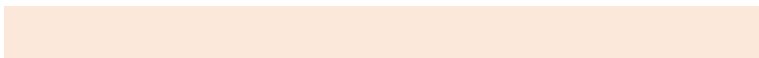
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0362, 83.1129, 91.4971



81.8659, 83.1129, 103.1107



81.2496, 83.1129, 78.0468

Complementary

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



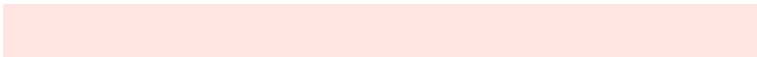
74.0362, 83.1129, 91.4971



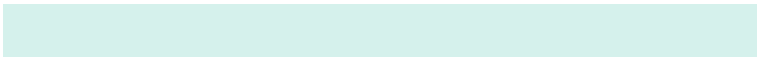
72.7278, 71.3534, 76.2729

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.



83.2863, 83.1129, 82.6156



74.0362, 83.1129, 91.4971



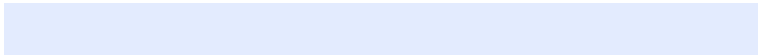
83.6477, 83.1129, 97.0404

Square

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



74.0362, 83.1129, 91.4971



79.3452, 83.1129, 105.7991



84.1732, 83.1129, 89.5019



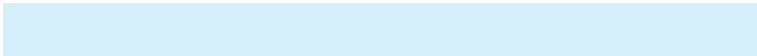
78.6485, 83.1129, 76.7443

Rectangle

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



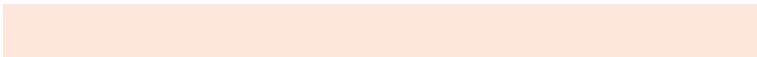
74.0362, 83.1129, 91.4971



76.0433, 83.1129, 102.7718



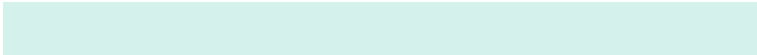
84.1732, 83.1129, 89.5019



82.0248, 83.1129, 79.2385

Sweetspot

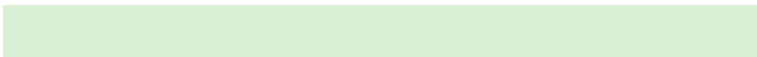
The Sweet Spot groups the original color and five complimentary colors.



74.0386, 83.1164, 91.4989



92.0720, 98.4901, 107.6159



72.4215, 82.6443, 75.0870



19.5409, 20.9967, 22.9613



0.0000, 0.0000, 0.0000



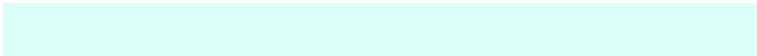
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0386, 83.1164, 91.4989



82.1036, 93.4426, 103.0219



72.2145, 78.2883, 94.5283



16.1191, 17.8777, 19.6500



22.6267, 36.3427, 35.0129



1.9137, 3.0359, 3.0778

Inverse Universe

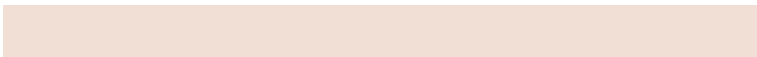
The Inverse Universe completely reimagines the original color for something new.



72.7278, 71.3534, 76.2729



80.3333, 77.5531, 82.4559



74.3746, 75.6793, 73.6397



15.8881, 15.8050, 16.9670



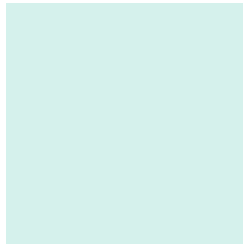
19.9433, 10.2497, 2.3519



1.6914, 0.8656, 0.3658

Previews

White Background



This preview shows how the XYZ color 74.0362, 83.1129, 91.4971 looks on a white background.

Color Contrast Check

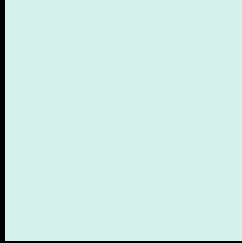
Large Text (above 18pt) WCAG AA × Fail

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 74.0362, 83.1129, 91.4971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

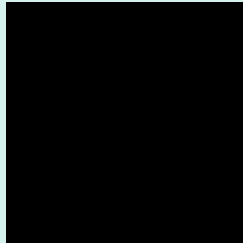
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

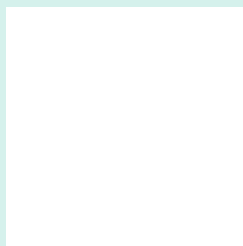
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0362, 83.1129, 91.4971

Background



This preview shows how black text looks on a background with the XYZ color 74.0362, 83.1129, 91.4971.



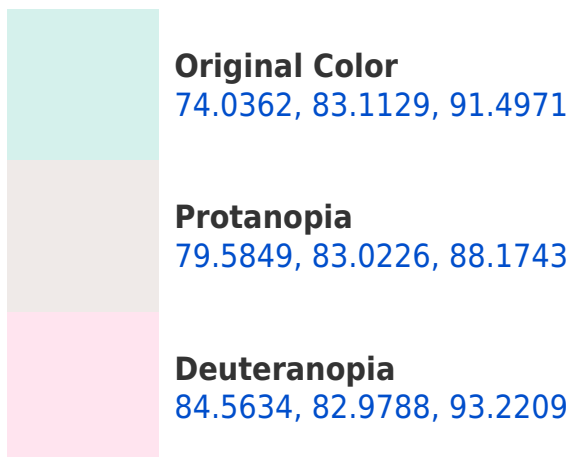
This preview shows how white text looks on a background with the XYZ color 74.0362, 83.1129,

91.4971.

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

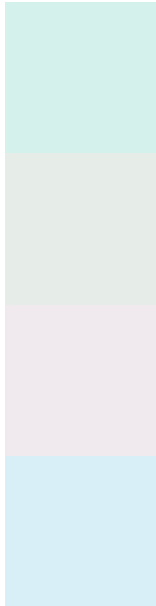




Tritanopia

77.5380, 83.2745, 106.5946

Trichromacy



Original Color

74.0362, 83.1129, 91.4971

Protanomaly

77.6253, 83.2746, 89.0731

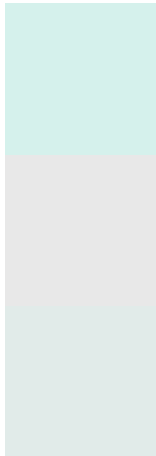
Deuteranomaly

80.5067, 82.9761, 92.6618

Tritanomaly

76.1287, 83.1092, 100.8362

Monochromacy



Original Color

74.0362, 83.1129, 91.4971

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.4676, 81.3074, 88.8071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0362, 83.1129, 91.4971 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(213, 241, 236)` looks like.

```
.text, #text, p{  
    color:rgb(213, 241, 236)  
}
```

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(213, 241, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 241, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.0362, 83.1129, 91.4971 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(213, 241, 236) }
```


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

```
.border{ border-color:rgb(213, 241, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 241, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 241, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 241, 236);  
box-shadow:4px 4px 4px 4px rgb(213, 241,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0362, 83.1129, 91.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 241, 236) }
```

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

```
.background{ background-color: rgb(213,  
241, 236) }
```

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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