

Converting Colors

XYZ(74.0173, 83.3939, 90.7565)

Have a look what the booklet for
XYZ(74.0173, 83.3939, 90.7565)
contains.

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Color

**XYZ(74.1881, 83.6486,
90.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F2EB
RGB	213, 242, 235
RGB Percent	84%, 95%, 92%
CMY	0.1647, 0.0510, 0.0784
CMYK	0.12, 0.00, 0.03, 0.05
HSL	166°, 53%, 89%
HSV	166°, 12%, 95%
XYZ	74.1881, 83.6486, 90.8329
YIQ	232.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

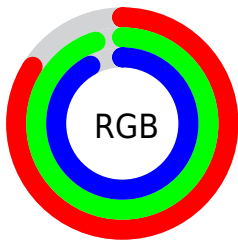
Format	Color
R _Y B	213, 229, 242
Decimal	14021355
CIE Lab	93.30, -10.75, 0.17
CIE LCh	93, 10.747, 179.094
Yxy	83.6486, 0.2983, 0.3364
Android (android.graphics.Color)	4292211435 (0xFFD5F2EB)
YUV	232.5310, 1.2172, -17.1287
Hunter-Lab	91.4596, -15.2628, 5.1380

Details

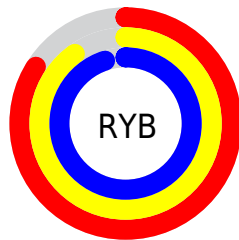
The XYZ color **74.1881, 83.6486, 90.8329** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.3335, 71.6352, 77.6759**, and the grayscale version is **77.1009, 81.1161, 88.3355**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7961, 45.6416, 49.3601** is the 20% darker color. If you saturate the color by 10%, you get **66.8556, 79.9668, 86.1558**, and if you desaturate by 10%, it is **82.6005, 87.8885, 95.7088**.

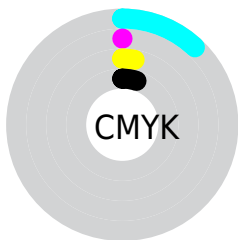
Distribution



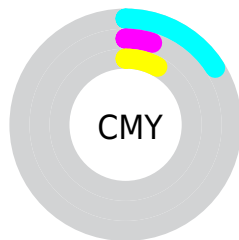
- Red (84%)
- Green (95%)
- Blue (92%)



- Red (84%)
- Yellow (90%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1881, 83.6486, 90.8329 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 74.1881, 83.6486, 90.8329 by changing the saturation by 10% instead.

74.1881, 83.6486,
90.8329

74.1881, 83.6486,
90.8329

464.1626,
507.1456, 551.3764

55.2398, 62.7254,
68.0941

124.1565,
138.4835, 150.4404

39.8284, 45.6191,
49.5071

155.9073,
173.1640, 188.1461

27.5884, 31.9453,
34.6535

192.6564,
213.1990, 231.6779

18.1545, 21.3197,
23.1146

234.7690,
258.9729, 281.4543

11.1613, 13.3579,
14.4721

282.6106,
310.8701, 337.8938

6.2435, 7.6755,
8.3073

336.5465,

3.0358, 3.8880,

369.2750, 401.4149

4.2016

396.9420,
434.5721, 472.4363

■ 1.1727, 1.6111,
1.7366

■ 0.0847, 0.3651,
0.3856

■ 74.1881, 83.6486,
90.8329

■ 74.1881, 83.6486,
90.8329

■ 66.8556, 79.9668,
86.1558

■ 82.6005, 87.8885,
95.7088

■ 60.5495, 76.8087,
81.6684

■ 89.7343, 91.4637,
100.6694

■ 55.2222, 74.1520,
77.3689

■ 90.6491, 91.8296,
105.4863

■ 50.8193, 71.9688,
73.2534

■ 91.0437, 91.9874,
107.5646

■ 47.2814, 70.2284,
69.3175

■ 44.5417, 68.8964,
65.5567

■ 42.5235, 67.9334,
61.9659

■ 41.1343, 67.2916,
58.5394

■ 40.3601, 66.9500,
55.9051

Harmonies

Analogous

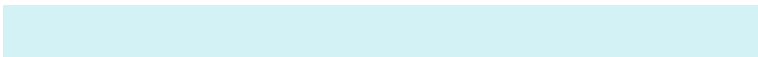
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9276, 83.6486, 83.3072



74.1881, 83.6486, 90.8329



74.8450, 83.6486, 98.8684

Triad

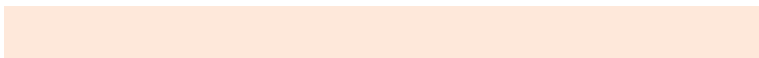
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1881, 83.6486, 90.8329



82.1807, 83.6486, 105.3860



82.3331, 83.6486, 78.3521

Complementary

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



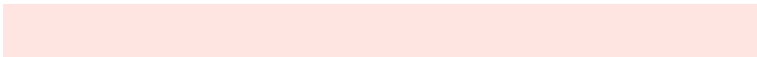
74.1881, 83.6486, 90.8329



73.3335, 71.6352, 77.6759

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.



84.3556, 83.6486, 83.7101



74.1881, 83.6486, 90.8329



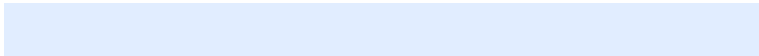
84.2661, 83.6486, 99.3199

Square

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



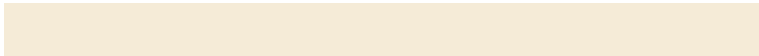
74.1881, 83.6486, 90.8329



79.4195, 83.6486, 107.5658



85.0711, 83.6486, 91.3258



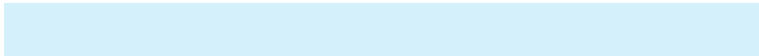
79.5916, 83.6486, 76.3694

Rectangle

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



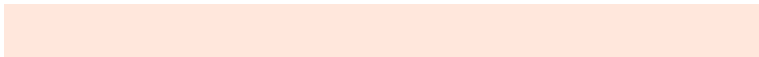
74.1881, 83.6486, 90.8329



75.9954, 83.6486, 103.3716



85.0711, 83.6486, 91.3258



83.1220, 83.6486, 79.8019

Sweetspot

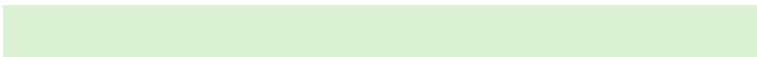
The Sweet Spot groups the original color and five complimentary colors.



74.1905, 83.6521, 90.8348



91.0024, 97.9589, 106.6538



73.3560, 83.5667, 75.2158



19.3202, 20.8875, 22.7388



0.0000, 0.0000, 0.0000



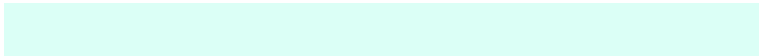
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1905, 83.6521, 90.8348



81.7566, 93.3038, 101.1947



73.1070, 79.8337, 95.5649



16.0747, 17.8599, 19.4161



21.7371, 35.9869, 30.3282



1.8469, 3.0092, 2.7262

Inverse Universe

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



73.3335, 71.6352, 77.6759



80.6424, 77.6767, 84.0839



74.2898, 75.0016, 73.5133



15.9293, 15.8214, 17.1837



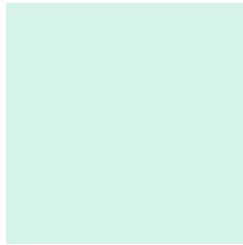
20.1324, 10.3254, 3.3479



1.7127, 0.8741, 0.4780

Previews

White Background



This preview shows how the XYZ color 74.1881, 83.6486, 90.8329 looks on a white background.

Color Contrast Check

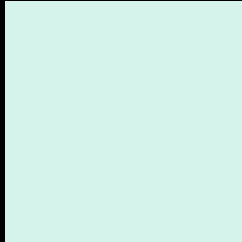
Large Text (above 18pt) WCAG AA × Fail

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 74.1881, 83.6486, 90.8329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

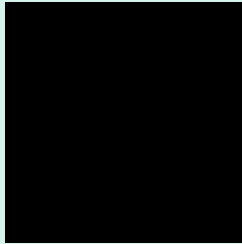
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

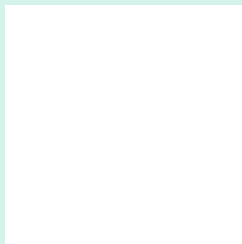
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1881, 83.6486, 90.8329

Background



This preview shows how black text looks on a background with the XYZ color 74.1881, 83.6486, 90.8329.



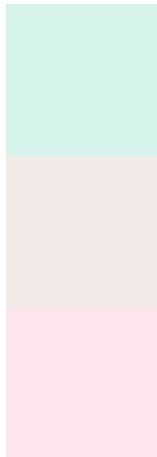
This preview shows how white text looks on a background with the XYZ color 74.1881, 83.6486,

90.8329.

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

74.1881, 83.6486, 90.8329

Protanopia

80.1223, 83.3159, 87.4600

Deuteranopia

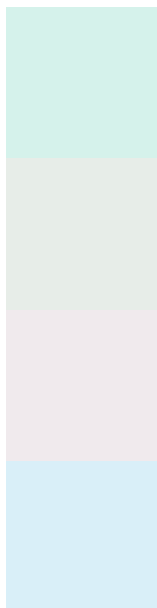
84.6919, 83.4717, 92.5368



Tritanopia

77.8380, 83.4291, 106.6087

Trichromacy



Original Color

74.1881, 83.6486, 90.8329

Protanomaly

77.8047, 83.3835, 88.3378

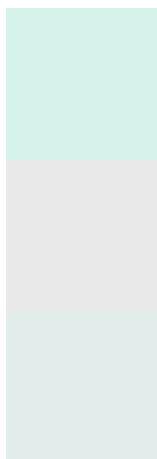
Deuteranomaly

80.6441, 83.4853, 91.9846

Tritanomaly

76.4251, 83.2620, 100.8501

Monochromacy



Original Color

74.1881, 83.6486, 90.8329

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2108, 82.1002, 89.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1881, 83.6486, 90.8329 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, 242, 235)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 235)  
}
```

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, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.1881, 83.6486, 90.8329 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, 242, 235) }
```


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

```
.border{ border-color:rgb(213, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1881, 83.6486, 90.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 235) }
```

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

```
.background{ background-color: rgb(213,  
242, 235) }
```

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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