

Converting Colors

XYZ(74.0966, 82.6670, 93.2599)

Have a look what the booklet for
XYZ(74.0966, 82.6670, 93.2599)
contains.

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Color

**XYZ(74.0333, 82.6394,
92.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F0EE
RGB	213, 240, 238
RGB Percent	84%, 94%, 93%
CMY	0.1647, 0.0588, 0.0667
CMYK	0.11, 0.00, 0.01, 0.06
HSL	176°, 47%, 89%
HSV	176°, 11%, 94%
XYZ	74.0333, 82.6394, 92.9379
YIQ	231.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

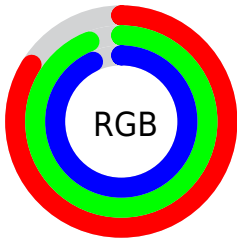
Format	Color
R _Y B	213, 227, 240
Decimal	14020846
CIE Lab	92.86, -9.16, -2.03
CIE LCh	93, 9.387, 192.516
Yxy	82.6394, 0.2966, 0.3311
Android (android.graphics.Color)	4292210926 (0xFFD5F0EE)
YUV	231.6990, 3.1064, -16.3990
Hunter-Lab	90.9062, -13.7169, 3.0193

Details

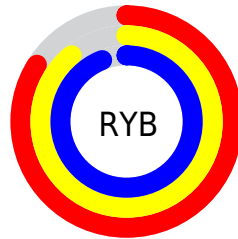
The XYZ color **74.0333, 82.6394, 92.9379** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9982, 71.0223, 74.2078**, and the grayscale version is **76.4645, 80.4466, 87.6064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6845, 44.9275, 50.8362** is the 20% darker color. If you saturate the color by 10%, you get **67.3207, 79.2113, 91.2663**, and if you desaturate by 10%, it is **81.7834, 86.6066, 94.6750**.

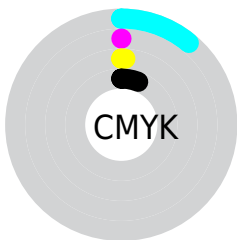
Distribution



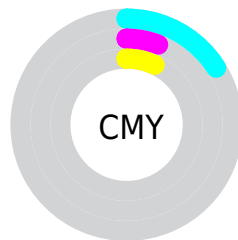
- Red (84%)
- Green (94%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0333, 82.6394, 92.9379 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 74.0333, 82.6394, 92.9379 by changing the saturation by 10% instead.

74.0333, 82.6394,
92.9379

74.0333, 82.6394,
92.9379

463.6368,
503.7839, 558.3569

55.1127, 61.8927,
69.8325

123.9383,
137.0703, 153.3836

39.7261, 44.9460,
50.9140

155.6533,
171.5233, 191.5610

27.5083, 31.4149,
35.7640

192.3639,
211.3139, 235.5995

18.0939, 20.9150,
23.9637

234.4353,
256.8264, 285.9175

11.1175, 13.0619,
15.0947

282.2329,
308.4453, 342.9338

6.2138, 7.4712,
8.7385

336.1222,

3.0174, 3.7585,

366.5549, 407.0667

4.4766

396.4684,
431.5396, 478.7349

■ 1.1630, 1.5394,
1.8903

■ 0.0768, 0.3162,
0.4865

■ 74.0333, 82.6394,
92.9379

■ 74.0333, 82.6394,
92.9379

■ 67.3207, 79.2113,
91.2663

■ 81.7834, 86.6066,
94.6750

■ 61.5935, 76.2886,
89.6525


■ 88.3631, 89.9679,
96.3692


■ 56.8055, 73.8498,
88.0962

■ 88.6313, 90.0752,
97.7816


■ 52.9044, 71.8678,
86.5947


■ 88.9022, 90.1835,
99.2078


 49.8322, 70.3130,
85.1454


 89.1756, 90.2929,
100.6477


 47.5247, 69.1520,
83.7452


 89.4517, 90.4033,
102.1015


 45.9076, 68.3467,
82.3906

 89.7304, 90.5148,
103.5691

 44.8922, 67.8512,
81.0773

 90.0117, 90.6273,
105.0507

 44.3729, 67.6078,
79.9565

 90.2957, 90.7409,
106.5461

Harmonies

Analogous

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



74.1350, 82.6394, 85.9845



74.0333, 82.6394, 92.9379



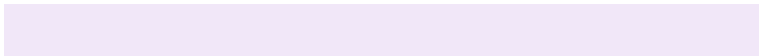
75.1224, 82.6394, 99.4162

Triad

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



74.0333, 82.6394, 92.9379



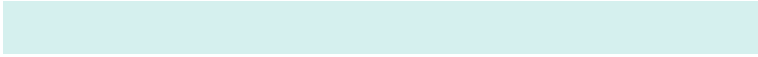
81.7754, 82.6394, 100.3035



79.9712, 82.6394, 77.7072

Complementary

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



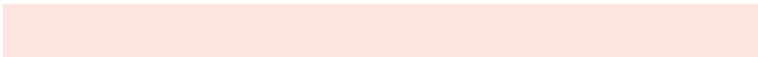
74.0333, 82.6394, 92.9379



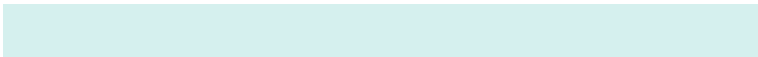
71.9982, 71.0223, 74.2078

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.



82.0726, 82.6394, 81.1611



74.0333, 82.6394, 92.9379



83.1291, 82.6394, 94.0980

Square

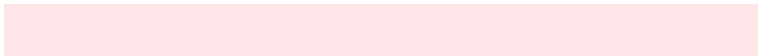
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0333, 82.6394, 92.9379



79.5723, 82.6394, 103.8149



83.2390, 82.6394, 87.0860



77.5291, 82.6394, 77.4328

Rectangle

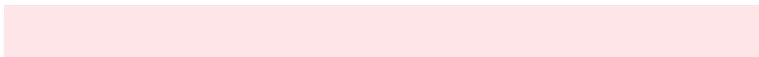
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



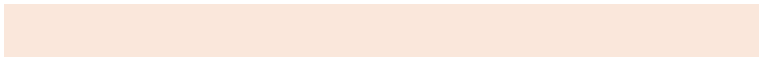
74.0333, 82.6394, 92.9379



76.3906, 82.6394, 102.4972



83.2390, 82.6394, 87.0860



80.7421, 82.6394, 78.5263

Sweetspot

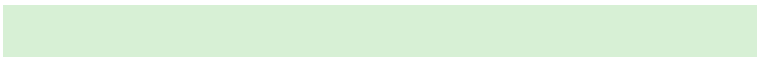
The Sweet Spot groups the original color and five complimentary colors.



74.0357, 82.6429, 92.9397



92.2001, 98.5413, 108.2903



71.2706, 81.6128, 74.9487



19.5756, 21.0105, 23.1439



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.



74.0357, 82.6429, 92.9397



82.6901, 93.6772, 106.1107



71.1214, 76.3406, 93.4289



16.1938, 17.9075, 20.0434



24.3110, 37.0164, 43.8823



2.0374, 3.0854, 3.7296

Inverse Universe

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



71.9982, 71.0223, 74.2078



79.8278, 77.3509, 79.7942



74.6713, 76.7780, 73.8362



15.8204, 15.7779, 16.6104



19.7482, 10.1717, 1.3247



1.6593, 0.8528, 0.1967

Previews

White Background



This preview shows how the XYZ color 74.0333, 82.6394, 92.9379 looks on a white background.

Color Contrast Check

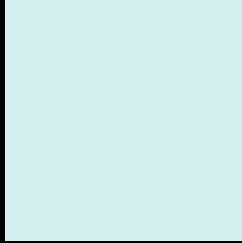
Large Text (above 18pt) WCAG AA × Fail

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 74.0333, 82.6394, 92.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

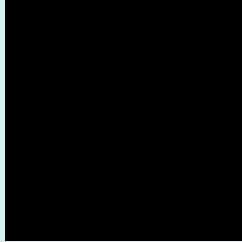
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

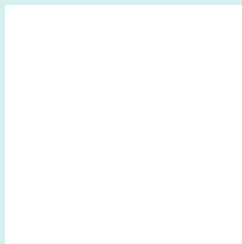
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0333, 82.6394, 92.9379

Background



This preview shows how black text looks on a background with the XYZ color 74.0333, 82.6394, 92.9379.



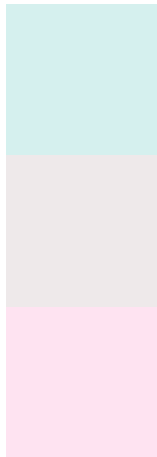
This preview shows how white text looks on a background with the XYZ color 74.0333, 82.6394,

92.9379.

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

74.0333, 82.6394, 92.9379

Protanopia

79.2501, 82.3955, 89.5689

Deuteranopia

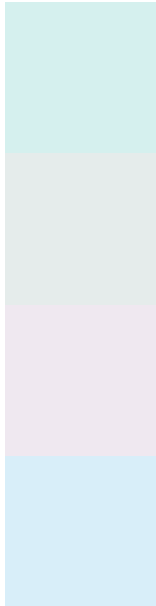
84.2193, 82.3599, 94.6773



Tritanopia

76.9495, 82.5401, 106.4839

Trichromacy



Original Color

74.0333, 82.6394, 92.9379

Protanomaly

77.3039, 82.6471, 90.4754

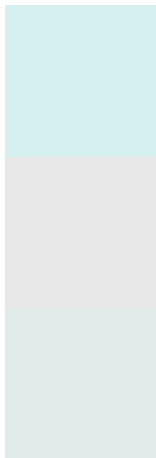
Deuteranomaly

80.1814, 82.3552, 94.1082

Tritanomaly

75.9923, 82.5876, 101.5583

Monochromacy



Original Color

74.0333, 82.6394, 92.9379

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.6110, 81.3647, 89.5617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0333, 82.6394, 92.9379 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, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(213, 240, 238)  
}
```

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, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.0333, 82.6394, 92.9379 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, 240, 238) }
```


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

```
.border{ border-color:rgb(213, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 240, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 240, 238); box-shadow:4px 4px 4px 4px rgb(213, 240, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0333, 82.6394, 92.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 240, 238) }
```

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

```
.background{ background-color: rgb(213,  
240, 238) }
```

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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