

Converting Colors

XYZ(81.1245, 91.9383, 93.7059)

Have a look what the booklet for
XYZ(81.1245, 91.9383, 93.7059)
contains.

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Color

**XYZ(80.8369, 91.5825,
93.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FCED
RGB	224, 252, 237
RGB Percent	88%, 99%, 93%
CMY	0.1216, 0.0117, 0.0706
CMYK	0.11, 0.00, 0.06, 0.01
HSL	148°, 82%, 93%
HSV	148°, 11%, 99%
XYZ	80.8369, 91.5825, 93.5374
YIQ	241.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

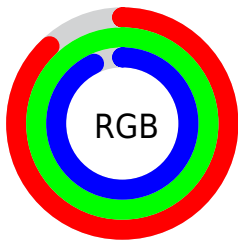
Format	Color
RYB	224, 243, 252
Decimal	14744813
CIELab	96.65, -11.83, 4.10
CIELCh	97, 12.522, 160.894
Yxy	91.5825, 0.3039, 0.3444
Android (android.graphics.Color)	4292934893 (0xFFE0FCED)
YUV	241.9180, -2.4246, -15.7141
Hunter-Lab	95.6987, -16.6935, 9.0382

Details

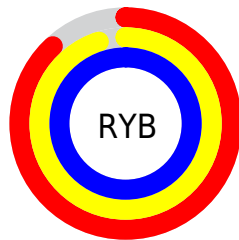
The XYZ color **80.8369, 91.5825, 93.5374** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.3838, 80.2410, 92.8115**, and the grayscale version is **84.3607, 88.7540, 96.6531**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2178, 50.8014, 51.1912** is the 20% darker color. If you saturate the color by 10%, you get **71.6994, 87.0939, 83.1979**, and if you desaturate by 10%, it is **91.2856, 96.7350, 104.7175**.

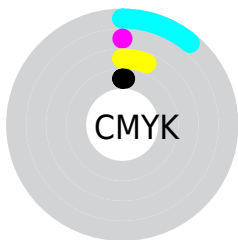
Distribution



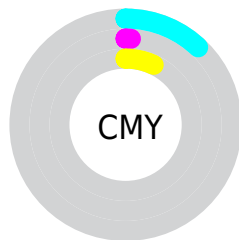
- Red (88%)
- Green (99%)
- Blue (93%)



- Red (88%)
- Yellow (95%)
- Blue (99%)



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





- Cyan (12%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8369, 91.5825, 93.5374 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 80.8369, 91.5825, 93.5374 by changing the saturation by 10% instead.


 80.8369, 91.5825,
93.5374

 80.8369, 91.5825,
93.5374


486.4425,
533.1653, 560.3362

 60.7181, 69.2939,
70.3281


133.4861,
149.5346, 154.2206

 44.2494, 50.9511,
51.3156


166.7472,
185.9669, 192.5315

 31.0654, 36.1697,
36.0814


205.1198,
227.8826, 236.7134

 20.8007, 24.5653,
24.2069

248.9692,
275.6661, 287.1848

 13.0900, 15.7535,
15.2735

298.6609,
329.7017, 344.3642

 7.5680, 9.3499,
8.8628

354.5600,

 3.8692, 4.9701,

390.3738, 408.6703

4.5562

417.0321,
458.0669, 480.5214

■ 1.6284, 2.2297,
1.9352

■ 0.4108, 0.7361,
0.5150

■ 80.8369, 91.5825,
93.5374

■ 80.8369, 91.5825,
93.5374

■ 71.6994, 87.0939,
83.1979

■ 91.2856, 96.7350,
104.7175

■ 63.8115, 83.2302,
73.6735

■ 94.1021, 98.1043,
108.5840

■ 57.1178, 79.9657,
64.9459

■ 51.5558, 77.2686,
56.9940

■ 47.0568, 75.1040,
49.7956

■ 43.5446, 73.4329,
43.3276

■ 40.9315, 72.2107,
37.5650

■ 39.1135, 71.3841,
32.4816

■ 38.0223, 70.9083,
28.5086

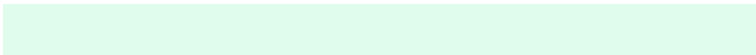
Harmonies

Analogous

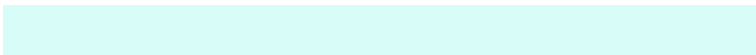
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7117, 91.5825, 85.8378



80.8369, 91.5825, 93.5374



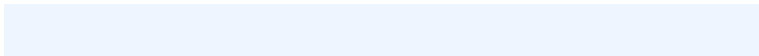
80.5996, 91.5825, 103.4075

Triad

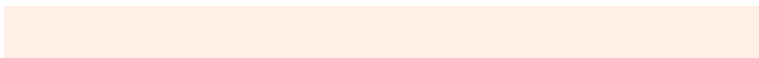
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8369, 91.5825, 93.5374



88.3254, 91.5825, 119.8809



92.2368, 91.5825, 87.6170

Complementary

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



80.8369, 91.5825, 93.5374



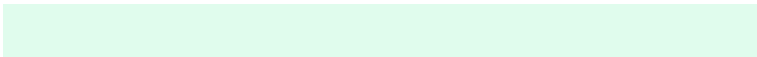
82.3838, 80.2410, 92.8115

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.



93.8282, 91.5825, 96.1169



80.8369, 91.5825, 93.5374



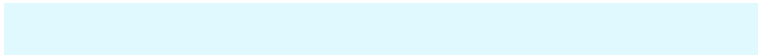
91.5300, 91.5825, 115.0187

Square

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



80.8369, 91.5825, 93.5374



84.8608, 91.5825, 119.0746



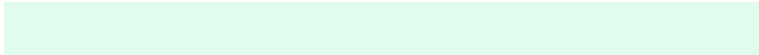
93.5661, 91.5825, 106.1646



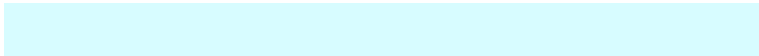
89.2693, 91.5825, 82.5814

Rectangle

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



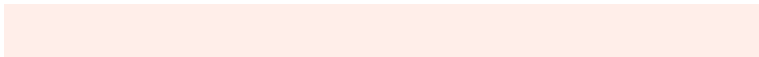
80.8369, 91.5825, 93.5374



81.3946, 91.5825, 109.9520



93.5661, 91.5825, 106.1646



92.9540, 91.5825, 90.1392

Sweetspot

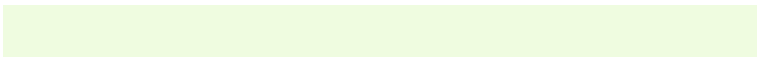
The Sweet Spot groups the original color and five complimentary colors.



80.8395, 91.5864, 93.5394



91.6384, 98.3167, 105.3324



84.0000, 93.4273, 84.1282



19.4237, 20.9498, 22.3442



0.0000, 0.0000, 0.0000



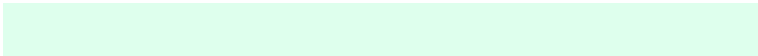
20.3446, 21.4041, 23.3091

Same Dimension

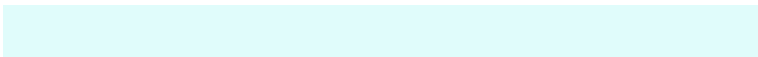
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8395, 91.5864, 93.5394



81.1593, 93.1543, 94.0071



82.9036, 92.4120, 104.4088



17.3526, 19.4433, 20.0576



19.8780, 36.9642, 15.2330



1.8940, 3.4447, 1.6896

Inverse Universe

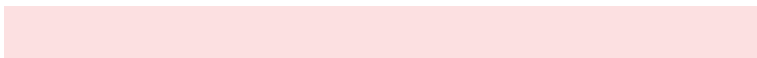
The Inverse Universe completely reimagines the original color for something new.



82.3838, 80.2410, 92.8115



82.9919, 79.6911, 93.1431



80.4485, 79.4669, 82.6205



17.6334, 17.3807, 19.9253



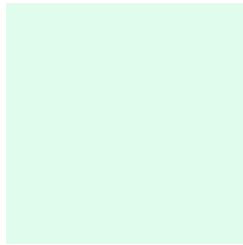
23.2658, 11.7220, 13.3740



2.2084, 1.1071, 1.5207

Previews

White Background



This preview shows how the XYZ color 80.8369, 91.5825, 93.5374 looks on a white background.

Color Contrast Check

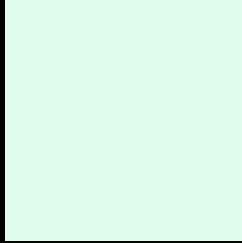
Large Text (above 18pt) WCAG AA × Fail

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 80.8369, 91.5825, 93.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

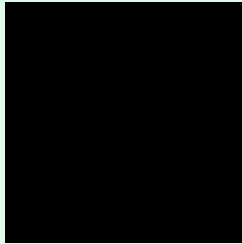
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

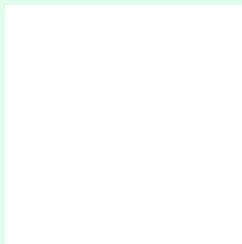
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8369, 91.5825, 93.5374

Background



This preview shows how black text looks on a background with the XYZ color 80.8369, 91.5825, 93.5374.



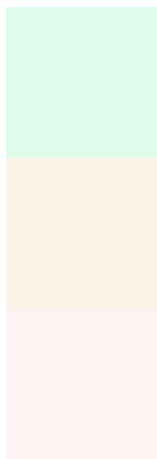
This preview shows how white text looks on a background with the XYZ color 80.8369, 91.5825,

93.5374.

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

80.8369, 91.5825, 93.5374

Protanopia

87.2035, 91.2800, 90.1135

Deuteranopia

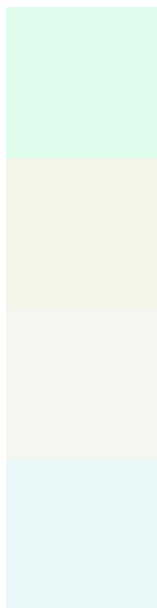
89.1698, 91.2353, 97.7044



Tritanopia

86.2657, 91.3087, 107.6854

Trichromacy



Original Color

80.8369, 91.5825, 93.5374

Protanomaly

84.7300, 91.3393, 91.0064

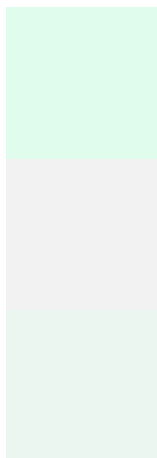
Deuteranomaly

86.1412, 91.4955, 96.3394

Tritanomaly

84.1150, 91.2358, 101.9839

Monochromacy



Original Color

80.8369, 91.5825, 93.5374

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

82.9449, 89.8650, 95.4121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8369, 91.5825, 93.5374 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(224, 252, 237)` looks like.

```
.text, #text, p{  
    color:rgb(224, 252, 237)  
}
```

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(224, 252, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.8369, 91.5825, 93.5374 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(224, 252, 237) }
```


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

```
.border{ border-color:rgb(224, 252, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 252, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 252, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 252, 237);  
box-shadow:4px 4px 4px 4px rgb(224, 252,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8369, 91.5825, 93.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 252, 237) }
```

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

```
.background{ background-color: rgb(224,  
252, 237) }
```

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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