

Converting Colors

XYZ(71.7410, 81.2642, 95.5627)

Have a look what the booklet for
XYZ(71.7410, 81.2642, 95.5627)
contains.

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Color

**XYZ(71.8157, 81.4275,
95.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	CBF0F2
RGB	203, 240, 242
RGB Percent	80%, 94%, 95%
CMY	0.2039, 0.0588, 0.0510
CMYK	0.16, 0.01, 0.00, 0.05
HSL	183°, 60%, 87%
HSV	183°, 16%, 95%
XYZ	71.8157, 81.4275, 95.9364
YIQ	229.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

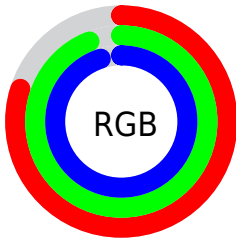
Format	Color
R _{YB}	203, 222, 242
Decimal	13365490
CIE Lab	92.32, -11.50, -4.97
CIE LCh	92, 12.529, 203.395
Yxy	81.4275, 0.2882, 0.3268
Android (android.graphics.Color)	4291555570 (0xFFCBF0F2)
YUV	229.1650, 6.3277, -22.9467
Hunter-Lab	90.2372, -15.8550, 0.1314

Details

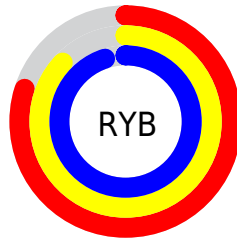
The XYZ color **71.8157, 81.4275, 95.9364** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.2294, 66.8516, 65.7562**, and the grayscale version is **74.5664, 78.4496, 85.4317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2162, 44.1220, 52.9566** is the 20% darker color. If you saturate the color by 10%, you get **65.3700, 77.5671, 95.5323**, and if you desaturate by 10%, it is **79.2973, 85.8299, 96.3931**.

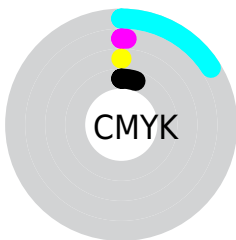
Distribution



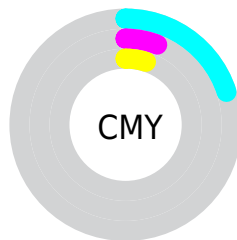
- Red (80%)
- Green (94%)
- Blue (95%)



- Red (80%)
- Yellow (87%)
- Blue (95%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8157, 81.4275, 95.9364 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 71.8157, 81.4275, 95.9364 by changing the saturation by 10% instead.

71.8157, 81.4275,
95.9364

71.8157, 81.4275,
95.9364

456.0675,
499.7307, 568.2192

53.2931, 60.8937,
72.3134

120.8067,
135.3709, 157.5643

38.2652, 44.1394,
52.9263

152.0057,
169.5493, 196.4063

26.3667, 30.7801,
37.3566

188.1610,
209.0447, 241.1585

17.2323, 20.4315,
25.1858

229.6378,
254.2415, 292.2392

10.4966, 12.7091,
15.9953

276.8015,
305.5241, 350.0671

5.7942, 7.2285,
9.3665

330.0174,

2.7598, 3.6054,

363.2769, 415.0607

4.8809

389.6510,
427.8843, 487.6385

■ 1.0281, 1.4554,
2.1200

■ 0.0000, 0.2570,
0.6277

■ 71.8157, 81.4275,
95.9364

■ 71.8157, 81.4275,
95.9364

■ 65.3700, 77.5671,
95.5323

■ 79.2973, 85.8299,
96.3931

■ 59.9056, 74.2142,
95.1731


■ 87.8522, 90.7872,
96.8991


■ 55.3734, 71.3455,
94.8583


■ 89.5343, 92.2051,
97.0841


■ 51.7175, 68.9322,
94.5852


■ 89.9079, 92.9521,
97.2086


 48.8758, 66.9424,
94.3509

 90.2839, 93.7041,
97.3339


 46.7783, 65.3398,
94.1521


 90.6624, 94.4612,
97.4601


 45.3428, 64.0822,
93.9850

 91.0435, 95.2233,
97.5871

 44.4677, 63.1171,
93.8448

 91.4270, 95.9905,
97.7150

 44.2162, 62.7887,
93.7947

 91.8132, 96.7627,
97.8437

Harmonies

Analogous

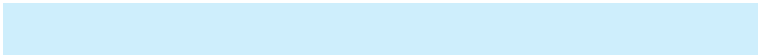
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3687, 81.4275, 86.6240



71.8157, 81.4275, 95.9364



73.7383, 81.4275, 103.7705

Triad

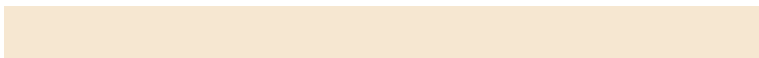
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8157, 81.4275, 95.9364



82.5046, 81.4275, 99.7323



78.1133, 81.4275, 72.0902

Complementary

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



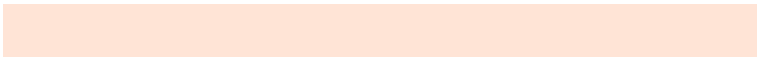
71.8157, 81.4275, 95.9364



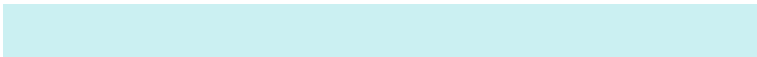
69.2294, 66.8516, 65.7562

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.



81.1694, 81.4275, 75.0938



71.8157, 81.4275, 95.9364



83.7501, 81.4275, 90.7291

Square

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



71.8157, 81.4275, 95.9364



79.8948, 81.4275, 106.0668



83.2548, 81.4275, 81.7625



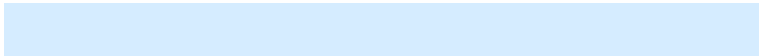
74.9467, 81.4275, 73.2714

Rectangle

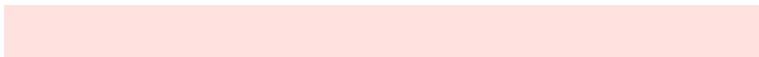
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8157, 81.4275, 95.9364



75.6275, 81.4275, 106.8834



83.2548, 81.4275, 81.7625



79.1886, 81.4275, 72.6366

Sweetspot

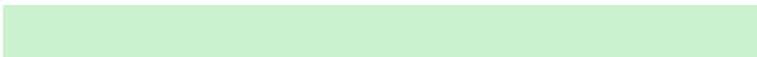
The Sweet Spot groups the original color and five complimentary colors.



71.8181, 81.4309, 95.9382



90.3059, 97.2457, 108.6184



67.3955, 80.6076, 69.7341



19.1918, 20.7345, 23.2406



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.



71.8181, 81.4309, 95.9382



78.6303, 90.3682, 107.9063



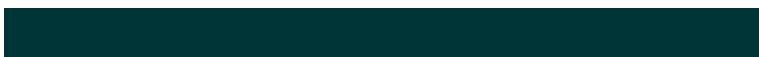
66.3948, 70.5844, 94.1305



16.1740, 17.7821, 20.3014



23.7846, 33.7934, 50.3971



1.9998, 2.8535, 4.1996

Inverse Universe

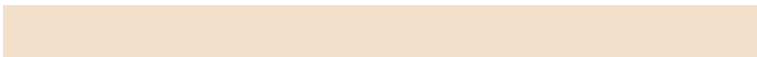
The Inverse Universe completely reimagines the original color for something new.



73.7039, 67.8821, 91.6599



81.0971, 72.7292, 102.2915



74.1756, 76.7440, 67.4050



16.4173, 16.0166, 19.7535



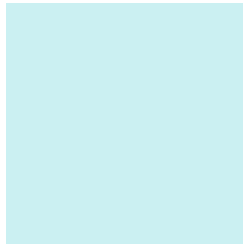
27.3310, 13.2048, 41.2551



2.2843, 1.1028, 3.4882

Previews

White Background



This preview shows how the XYZ color 71.8157, 81.4275, 95.9364 looks on a white background.

Color Contrast Check

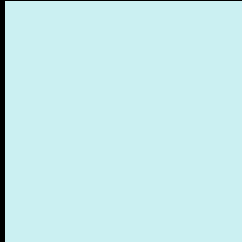
Large Text (above 18pt) WCAG AA × Fail

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 71.8157, 81.4275, 95.9364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

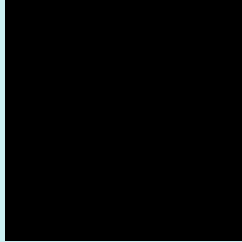
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8157, 81.4275, 95.9364

Background



This preview shows how black text looks on a background with the XYZ color 71.8157, 81.4275, 95.9364.



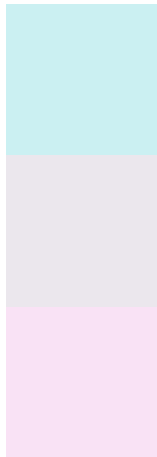
This preview shows how white text looks on a background with the XYZ color 71.8157, 81.4275,

95.9364.

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

71.8157, 81.4275, 95.9364

Protanopia

78.1229, 80.9284, 91.6240

Deuteranopia

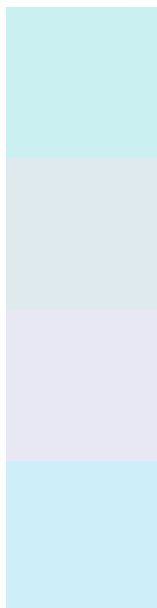
82.7447, 81.1250, 97.6838



Tritanopia

74.3466, 81.1983, 106.3621

Trichromacy



Original Color

71.8157, 81.4275, 95.9364

Protanomaly

75.4342, 80.7656, 93.2749

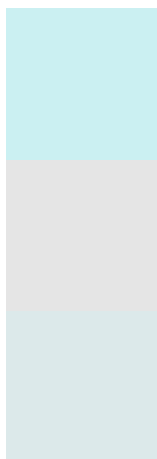
Deuteranomaly

78.1838, 80.8393, 97.0708

Tritanomaly

73.2835, 81.1730, 102.2480

Monochromacy



Original Color

71.8157, 81.4275, 95.9364

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.5054, 79.4340, 89.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8157, 81.4275, 95.9364 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, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(203, 240, 242)  
}
```

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, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 240, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.8157, 81.4275, 95.9364 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, 240, 242) }
```


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

```
.border{ border-color:rgb(203, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(203, 240,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8157, 81.4275, 95.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 240, 242) }
```

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

```
.background{ background-color: rgb(203,  
240, 242) }
```

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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