

Converting Colors

XYZ(81.3046, 91.7794, 95.6644)

Have a look what the booklet for
XYZ(81.3046, 91.7794, 95.6644)
contains.

XYZ(81.2790, 91.7594, 95.8655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.2790, 91.7594,
95.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FCF0
RGB	224, 252, 240
RGB Percent	88%, 99%, 94%
CMY	0.1216, 0.0117, 0.0588
CMYK	0.11, 0.00, 0.05, 0.01
HSL	154°, 82%, 93%
HSV	154°, 11%, 99%
XYZ	81.2790, 91.7594, 95.8655
YIQ	242.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

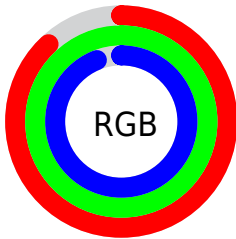
Format	Color
R _Y B	224, 242, 252
Decimal	14744816
CIE Lab	96.72, -11.28, 2.66
CIE LCh	97, 11.591, 166.739
Yxy	91.7594, 0.3023, 0.3412
Android (android.graphics.Color)	4292934896 (0xFFE0FCF0)
YUV	242.2600, -1.1142, -16.0140
Hunter-Lab	95.7911, -16.1768, 7.7178

Details

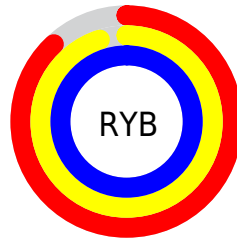
The XYZ color **81.2790, 91.7594, 95.8655** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.9441, 80.0651, 90.4963**, and the grayscale version is **84.6220, 89.0289, 96.9525**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5290, 50.9259, 52.8302** is the 20% darker color. If you saturate the color by 10%, you get **72.4834, 87.4076, 87.3260**, and if you desaturate by 10%, it is **91.3329, 96.7539, 104.9664**.

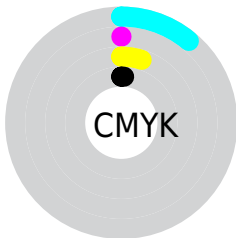
Distribution



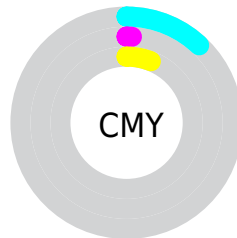
- Red (88%)
- Green (99%)
- Blue (94%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2790, 91.7594, 95.8655 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 81.2790, 91.7594, 95.8655 by changing the saturation by 10% instead.

81.2790, 91.7594,
95.8655

81.2790, 91.7594,
95.8655

487.9039,
533.7376, 567.9871

61.0835, 69.4408,
72.2547

134.1036,
149.7799, 157.4656

44.5453, 51.0708,
52.8786

167.4633,
186.2506, 196.2920

31.2992, 36.2649,
37.3188

205.9419,
228.2074, 241.0274

20.9797, 24.6389,
25.1567

249.9046,
276.0348, 292.0902

13.2216, 15.8082,
15.9738

299.7167,
330.1171, 349.8990

7.6593, 9.3885,
9.3514

355.7438,

3.9277, 4.9955,

390.8387, 414.8724

4.8712

418.3511,
458.5841, 487.4289

■ 1.6613, 2.2446,
2.1145

■ 0.4319, 0.7442,
0.6244

■ 81.2790, 91.7594,
95.8655

■ 81.2790, 91.7594,
95.8655

■ 72.4834, 87.4076,
87.3260

■ 91.3329, 96.7539,
104.9664

■ 64.8858, 83.6600,
79.3308

■ 94.1022, 98.1043,
108.5841

■ 58.4328, 80.4918,
71.8705

■ 53.0634, 77.8718,
64.9331

■ 48.7110, 75.7657,
58.5062

■ 45.3010, 74.1355,
52.5766

■ 42.7480, 72.9373,
47.1305

■ 40.9500, 72.1187,
42.1526

■ 39.8450, 71.6375,
38.1064

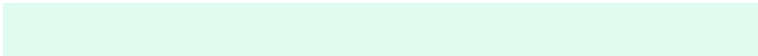
Harmonies

Analogous

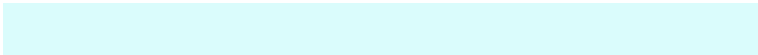
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7474, 91.7594, 88.1530



81.2790, 91.7594, 95.8655



81.3726, 91.7594, 105.1479

Triad

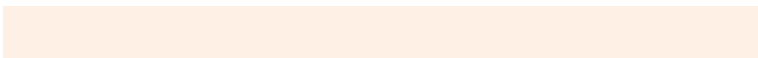
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2790, 91.7594, 95.8655



89.0247, 91.7594, 118.0259



91.5627, 91.7594, 87.4492

Complementary

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



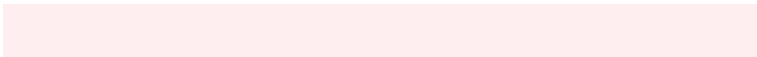
81.2790, 91.7594, 95.8655



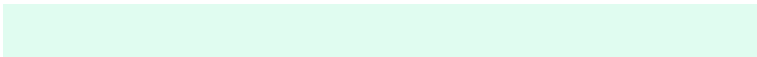
81.9441, 80.0651, 90.4963

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.



93.3297, 91.7594, 94.8497



81.2790, 91.7594, 95.8655



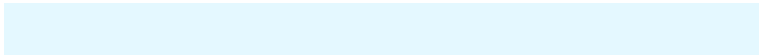
91.8396, 91.7594, 112.6693

Square

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



81.2790, 91.7594, 95.8655



85.7905, 91.7594, 118.3399



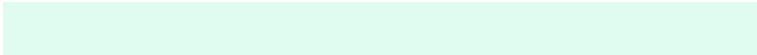
93.4323, 91.7594, 104.0675



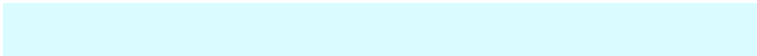
88.6543, 91.7594, 83.5010

Rectangle

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



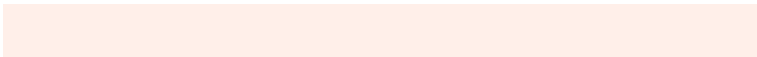
81.2790, 91.7594, 95.8655



82.3074, 91.7594, 110.9896



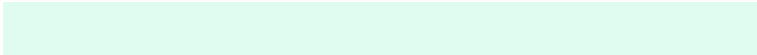
93.4323, 91.7594, 104.0675



92.3129, 91.7594, 89.5941

Sweetspot

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



81.2816, 91.7633, 95.8675



91.7678, 98.3684, 106.0140



82.9044, 92.8625, 84.0769



19.4587, 20.9638, 22.5282



0.0000, 0.0000, 0.0000



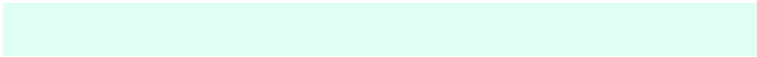
20.3446, 21.4041, 23.3091

Same Dimension

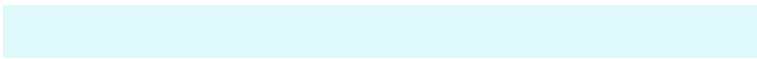
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2816, 91.7633, 95.8675



81.6841, 93.3643, 96.7708



82.5413, 91.3336, 105.3789



17.4330, 19.4755, 20.4807



20.8300, 37.3450, 20.2460



1.9823, 3.4800, 2.1548

Inverse Universe

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



81.9441, 80.0651, 90.4963



82.4705, 79.4825, 90.3974



80.7623, 80.3997, 81.7842



17.5534, 17.3487, 19.5042



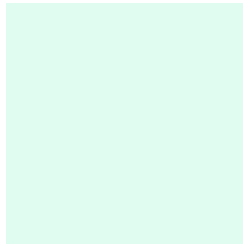
22.3928, 11.3729, 8.7771



2.1259, 1.0741, 1.0863

Previews

White Background



This preview shows how the XYZ color 81.2790, 91.7594, 95.8655 looks on a white background.

Color Contrast Check

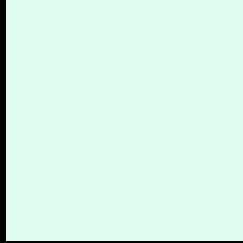
Large Text (above 18pt) WCAG AA × Fail

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 81.2790, 91.7594, 95.8655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

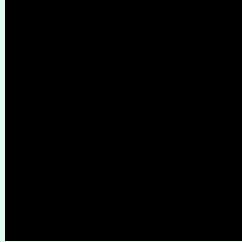
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

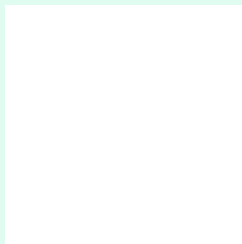
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2790, 91.7594, 95.8655

Background



This preview shows how black text looks on a background with the XYZ color 81.2790, 91.7594, 95.8655.



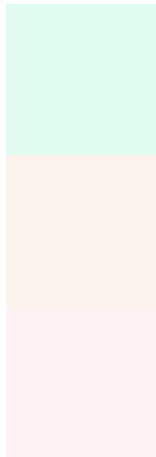
This preview shows how white text looks on a background with the XYZ color 81.2790, 91.7594,

95.8655.

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

81.2790, 91.7594, 95.8655

Protanopia

87.6359, 91.4529, 92.3902

Deuteranopia

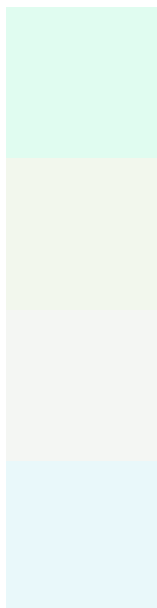
89.3213, 91.2959, 98.5021



Tritanopia

86.2657, 91.3087, 107.6854

Trichromacy



Original Color

81.2790, 91.7594, 95.8655

Protanomaly

85.1648, 91.5132, 93.2959

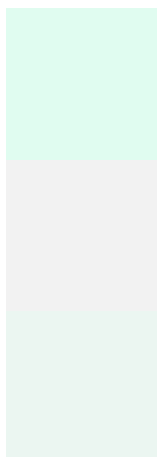
Deuteranomaly

86.4417, 91.6157, 97.9217

Tritanomaly

84.4270, 91.3606, 103.6271

Monochromacy



Original Color

81.2790, 91.7594, 95.8655

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.0939, 89.9246, 96.1968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2790, 91.7594, 95.8655 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 252, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 240) }
```

Border

The CSS property to change the border of an element to XYZ 81.2790, 91.7594, 95.8655 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, 240) }
```


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

```
.border{ border-color:rgb(224, 252, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 252, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 252, 240);  
box-shadow:4px 4px 4px 4px rgb(224, 252,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2790, 91.7594, 95.8655 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, 240) }
```

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

```
.background{ background-color: rgb(224,  
252, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor