

# Converting Colors

XYZ(79.5920, 86.2272,  
100.4443)

Have a look what the booklet for  
XYZ(79.5920, 86.2272, 100.4443)  
contains.

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# **Color**

**XYZ(79.5920, 86.2272,  
100.4443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1F2F7
RGB	225, 242, 247
RGB Percent	88%, 95%, 97%
CMY	0.1176, 0.0510, 0.0314
CMYK	0.09, 0.02, 0.00, 0.03
HSL	194°, 58%, 93%
HSV	194°, 9%, 97%
XYZ	79.5920, 86.2272, 100.4443
YIQ	237.4870, -11.7370, -2.0490

# Conversions

## Conversions Part 2

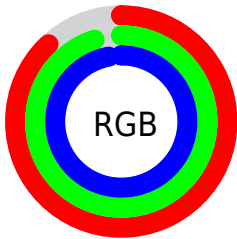
Format	Color
R <sub>Y</sub> B	225, 235, 247
Decimal	14807799
CIE Lab	94.41, -4.62, -4.33
CIE LCh	94, 6.335, 223.154
Yxy	86.2272, 0.2989, 0.3238
Android (android.graphics.Color)	4292997879 (0xFFE1F2F7)
YUV	237.4870, 4.6899, -10.9511
Hunter-Lab	92.8586, -9.5046, 0.8676

# Details

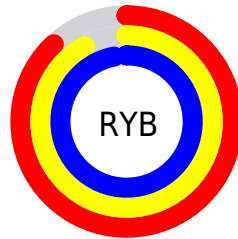
The XYZ color **79.5920, 86.2272, 100.4443** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.2457, 81.8037, 82.7960**, and the grayscale version is **80.8451, 85.0554, 92.6253**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5404, 47.4254, 56.1494** is the 20% darker color. If you saturate the color by 10%, you get **70.7984, 79.2554, 99.5634**, and if you desaturate by 10%, it is **89.5557, 93.8829, 101.3982**.

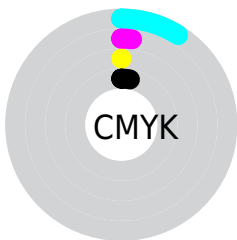
# Distribution



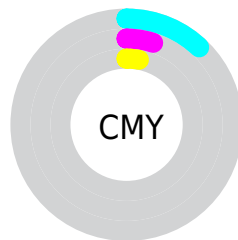
- Red (88%)
- Green (95%)
- Blue (97%)



- Red (88%)
- Yellow (92%)
- Blue (97%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5920, 86.2272, 100.4443 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 79.5920, 86.2272, 100.4443 by changing the saturation by 10% instead.



79.5920, 86.2272,  
100.4443

79.5920, 86.2272,  
100.4443

482.3143,  
515.6801, 582.8750

59.6900, 64.8559,  
76.0527

131.7455,  
142.0865, 163.8248

43.4173, 47.3442,  
55.9688

164.7277,  
177.3433, 203.6508

30.4086, 33.3079,  
39.7741

202.8006,  
217.9973, 249.4587

20.2986, 22.3624,  
27.0500

246.3297,  
264.4329, 301.6670

12.7218, 14.1234,  
17.3780

295.6802,  
317.0347, 360.6942

7.3129, 8.2066,  
10.3396

351.2176,

3.7066, 4.2274,

376.1868, 426.9589

5.5161

413.3072,  
442.2738, 500.8797

■ 1.5375, 1.8016,  
2.4892

■ 0.3512, 0.4881,  
0.8344

■ 79.5920, 86.2272,  
100.4443

■ 79.5920, 86.2272,  
100.4443

■ 70.7984, 79.2554,  
99.5634

■ 89.5557, 93.8829,  
101.3982

■ 63.1193, 72.9313,  
98.7475

■ 93.2251, 98.3681,  
102.0705

■ 56.5059, 67.2311,  
97.9958

■ 93.7888, 99.4955,  
102.2584

■ 50.9022, 62.1255,  
97.3057

■ 46.2475, 57.5824,  
96.6741

■ 42.4738, 53.5661,  
96.0978

■ 39.5040, 50.0360,  
95.5729

■ 37.2466, 46.9444,  
95.0951

■ 35.5664, 44.2207,  
94.6580

# Harmonies

## Analogous

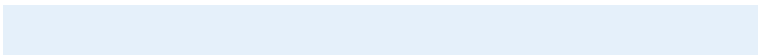
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8107, 86.2272, 96.0359



79.5920, 86.2272, 100.4443



81.0116, 86.2272, 103.1459

# Triad

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



79.5920, 86.2272, 100.4443



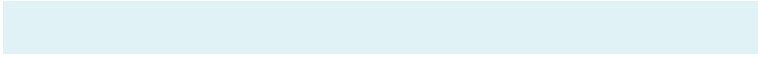
85.1287, 86.2272, 96.6293



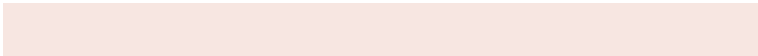
81.2139, 86.2272, 85.0525

# Complementary

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



79.5920, 86.2272, 100.4443



80.2457, 81.8037, 82.7960

# Split Complementary

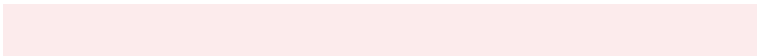
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9085, 86.2272, 85.1990



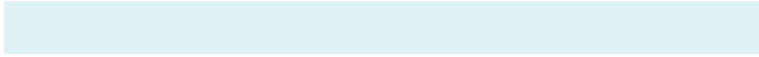
79.5920, 86.2272, 100.4443



85.1847, 86.2272, 91.7700

# Square

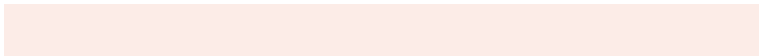
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



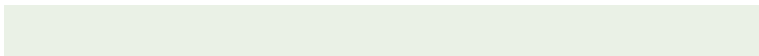
79.5920, 86.2272, 100.4443



84.2152, 86.2272, 100.8916



84.3671, 86.2272, 87.6210



79.7383, 86.2272, 87.2139



# Rectangle

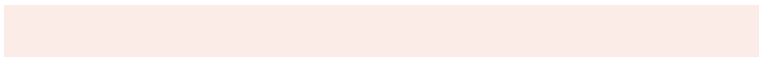
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5920, 86.2272, 100.4443



82.1366, 86.2272, 103.5596



84.3671, 86.2272, 87.6210



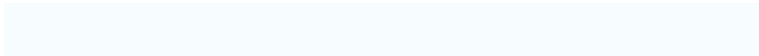
81.7764, 86.2272, 84.8358

# Sweetspot

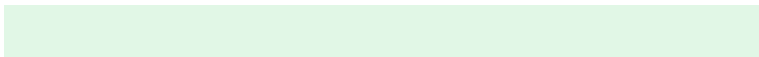
The Sweet Spot groups the original color and five complimentary colors.



79.5945, 86.2308, 100.4462



91.7396, 97.4743, 108.5870



78.5638, 88.2307, 87.5822



19.4509, 20.7215, 23.2244



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

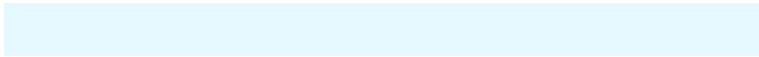


# Same Dimension

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



79.5945, 86.2308, 100.4462



83.4740, 91.0653, 107.7855



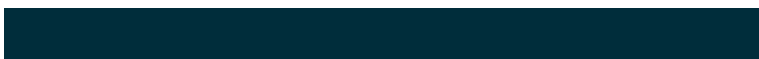
76.4826, 80.0071, 99.4089



16.6589, 18.0821, 21.1547



18.8329, 23.4595, 50.0736



1.7314, 2.2142, 4.4264



# Inverse Universe

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



81.3120, 80.0372, 95.1717



85.7365, 82.9873, 100.8192



83.3361, 87.9845, 83.8261



17.0432, 16.7001, 19.9738



25.3105, 12.4676, 27.4071

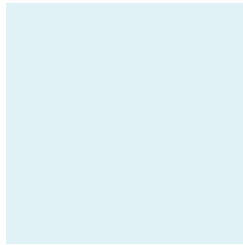


2.2630, 1.1112, 2.6112



# Previews

## White Background



This preview shows how the XYZ color 79.5920, 86.2272, 100.4443 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

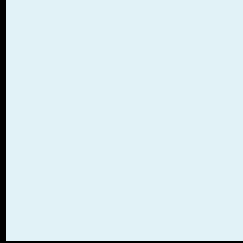
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.5920, 86.2272, 100.4443 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

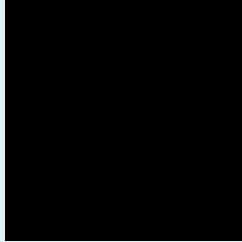
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

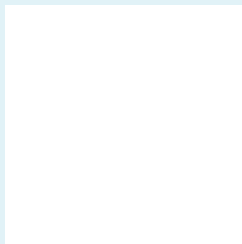
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 79.5920, 86.2272, 100.4443

## Background



This preview shows how black text looks on a background with the XYZ color 79.5920, 86.2272, 100.4443.



This preview shows how white text looks on a background with the XYZ color 79.5920, 86.2272,

100.4443.

# 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

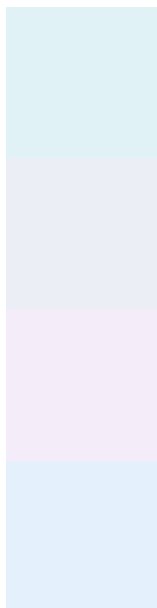




## Tritanopia

81.8432, 86.3632, 106.9639

# Trichromacy



## Original Color

79.5920, 86.2272, 100.4443

## Protanomaly

81.6089, 85.9877, 98.6822

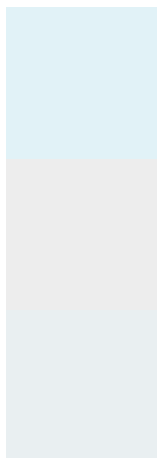
## Deuteranomaly

84.2470, 86.0013, 100.9666

## Tritanomaly

81.0209, 86.4328, 104.5084

# Monochromacy



## Original Color

79.5920, 86.2272, 100.4443

## Achromatopsia

80.4953, 84.6873, 92.2245

## Achromatomaly

80.3480, 85.4075, 95.4696

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.5920, 86.2272, 100.4443 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(225, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(225, 242, 247)  
}
```

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(225, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 242, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 79.5920, 86.2272, 100.4443 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(225, 242, 247) }
```



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

```
.border{ border-color:rgb(225, 242, 247) }
```

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

Here you see how a box with a 4 pixel rgb(225, 242, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 242,  
247) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.5920, 86.2272, 100.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 242, 247) }
```

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

```
.background{ background-color: rgb(225,  
242, 247) }
```

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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