

Converting Colors

XYZ(79.5078, 87.5000, 99.1920)

Have a look what the booklet for
XYZ(79.5078, 87.5000, 99.1920)
contains.

XYZ(79.5653, 87.5854, 99.0983)	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(79.5653, 87.5854,
99.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF5F5
RGB	223, 245, 245
RGB Percent	87%, 96%, 96%
CMY	0.1255, 0.0392, 0.0392
CMYK	0.09, 0.00, 0.00, 0.04
HSL	180°, 52%, 92%
HSV	180°, 9%, 96%
XYZ	79.5653, 87.5854, 99.0983
YIQ	238.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

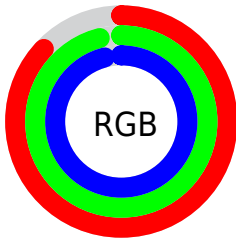
Format	Color
R_{YB}	223, 234, 245
Decimal	14677493
CIE _{Lab}	94.99, -7.16, -2.46
CIE _{LCh}	95, 7.572, 198.996
Yxy	87.5854, 0.2988, 0.3290
Android (android.graphics.Color)	4292867573 (0xFFDFF5F5)
YUV	238.4220, 3.2430, -13.5251
Hunter-Lab	93.5871, -12.0213, 2.7294

Details

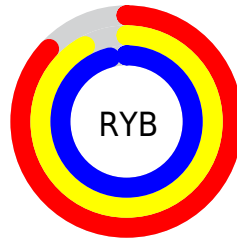
The XYZ color **79.5653, 87.5854, 99.0983** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3664, 77.5180, 80.7010**, and the grayscale version is **81.5801, 85.8286, 93.4673**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5314, 48.3941, 55.1908** is the 20% darker color. If you saturate the color by 10%, you get **72.5562, 83.9746, 98.7688**, and if you desaturate by 10%, it is **87.6717, 91.7667, 99.4828**.

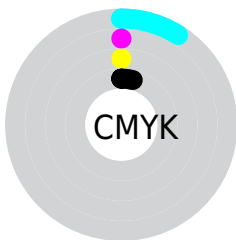
Distribution



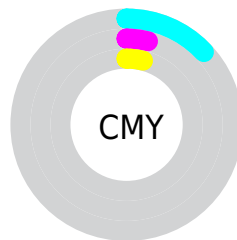
- Red (87%)
- Green (96%)
- Blue (96%)



- Red (87%)
- Yellow (92%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5653, 87.5854, 99.0983 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 79.5653, 87.5854, 99.0983 by changing the saturation by 10% instead.

79.5653, 87.5854,
99.0983

79.5653, 87.5854,
99.0983

482.2255,
520.1446, 578.5198

59.6679, 65.9798,
74.9350

131.7081,
143.9798, 161.9585

43.3995, 48.2560,
55.0582

164.6843,
179.5374, 201.4926

30.3946, 34.0296,
39.0494

202.7508,
220.5144, 246.9873

20.2878, 22.9164,
26.4901

246.2730,
267.2952, 298.8612

12.7139, 14.5318,
16.9616

295.6162,
320.2642, 357.5329

7.3075, 8.4914,
10.0454

351.1458,

3.7032, 4.4110,

379.8058, 423.4209

5.3231

413.2271,
446.3045, 496.9437

■ 1.5356, 1.9060,
2.3760

■ 0.3499, 0.5520,
0.7733

■ 79.5653, 87.5854,
99.0983

■ 79.5653, 87.5854,
99.0983

■ 72.5562, 83.9746,
98.7688

■ 87.6717, 91.7667,
99.4828

■ 66.5902, 80.8990,
98.4862

■ 90.3770, 93.1613,
99.6128

■ 61.6198, 78.3367,
98.2503

■ 90.3777, 93.1615,
99.6162

■ 57.5906, 76.2597,
98.0584

■ 90.3783, 93.1618,
99.6195

■ 54.4435, 74.6374,
97.9077

■ 90.3789, 93.1621,
99.6229

■ 52.1123, 73.4357,
97.7953

■ 90.3796, 93.1623,
99.6263

■ 50.5217, 72.6158,
97.7175

■ 90.3802, 93.1626,
99.6296

■ 49.5825, 72.1317,
97.6702

■ 90.3809, 93.1628,
99.6330

■ 49.1612, 71.9146,
97.6472

■ 90.3815, 93.1631,
99.6364

Harmonies

Analogous

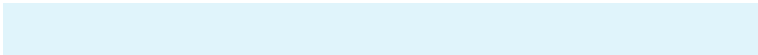
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4270, 87.5854, 93.2210



79.5653, 87.5854, 99.0983



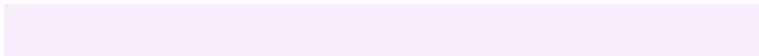
80.6806, 87.5854, 104.1668

Triad

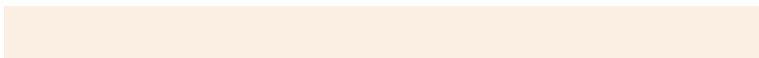
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5653, 87.5854, 99.0983



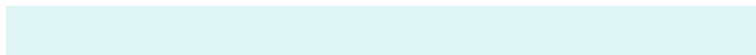
86.2662, 87.5854, 102.9879



84.0041, 87.5854, 84.6789

Complementary

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



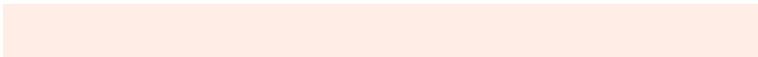
79.5653, 87.5854, 99.0983



77.3664, 77.5180, 80.7010

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.



85.8679, 87.5854, 87.0747



79.5653, 87.5854, 99.0983



87.1881, 87.5854, 97.5428

Square

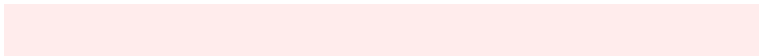
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5653, 87.5854, 99.0983



84.5406, 87.5854, 106.4755



87.0412, 87.5854, 91.7279



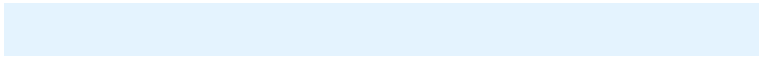
81.9672, 87.5854, 85.0568

Rectangle

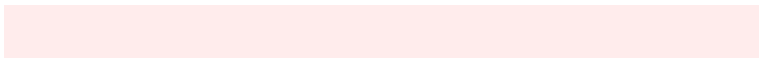
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



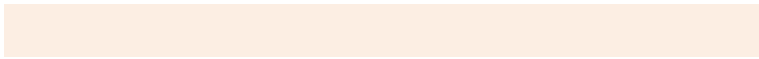
79.5653, 87.5854, 99.0983



81.8385, 87.5854, 106.3295



87.0412, 87.5854, 91.7279



84.6722, 87.5854, 85.1825

Sweetspot

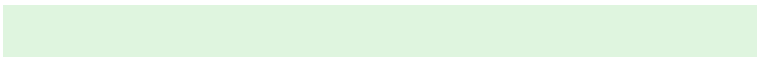
The Sweet Spot groups the original color and five complimentary colors.



79.5678, 87.5891, 99.1002



92.2911, 98.5778, 108.7698



76.5188, 86.3826, 82.4541



19.6003, 21.0204, 23.2739



0.0000, 0.0000, 0.0000



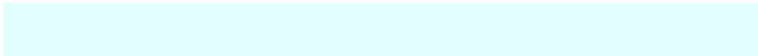
20.3446, 21.4041, 23.3091

Same Dimension

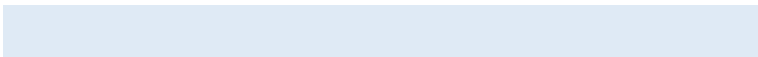
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5678, 87.5891, 99.1002



85.4720, 95.0625, 108.4477



76.4427, 81.3380, 98.0614



16.9967, 18.7578, 21.2667



26.4660, 38.7312, 52.6012



2.3261, 3.4041, 4.6233

Inverse Universe

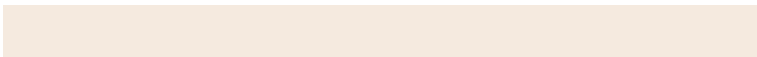
The Inverse Universe completely reimagines the original color for something new.



77.3664, 77.5180, 80.7010



82.5543, 81.7144, 84.0617



80.2972, 83.3805, 81.6755



16.4993, 16.4826, 17.1100



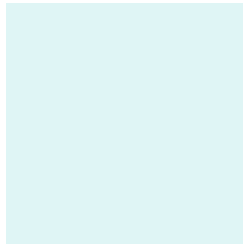
20.2863, 10.4580, 0.9503



1.7830, 0.9192, 0.0837

Previews

White Background



This preview shows how the XYZ color 79.5653, 87.5854, 99.0983 looks on a white background.

Color Contrast Check

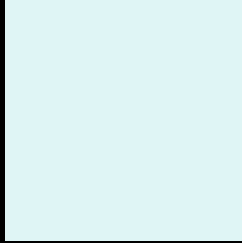
Large Text (above 18pt) WCAG AA × Fail

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 79.5653, 87.5854, 99.0983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

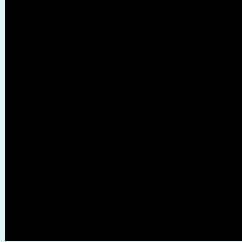
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

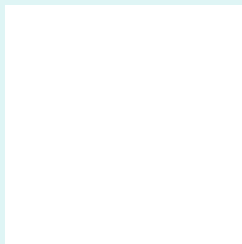
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5653, 87.5854, 99.0983

Background



This preview shows how black text looks on a background with the XYZ color 79.5653, 87.5854, 99.0983.



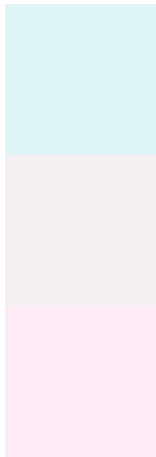
This preview shows how white text looks on a background with the XYZ color 79.5653, 87.5854,

99.0983.

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

79.5653, 87.5854, 99.0983

Protanopia

84.2017, 87.3769, 96.4319

Deuteranopia

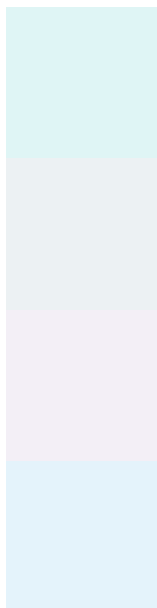
87.5829, 87.3305, 99.4291



Tritanopia

82.7571, 87.7132, 107.1763

Trichromacy



Original Color

79.5653, 87.5854, 99.0983

Protanomaly

82.2250, 87.2145, 97.2944

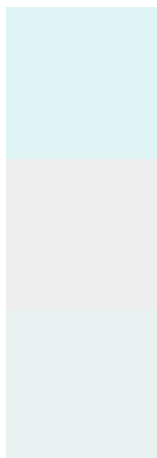
Deuteranomaly

84.4632, 87.4415, 99.6150

Tritanomaly

81.4581, 87.5602, 103.8743

Monochromacy



Original Color

79.5653, 87.5854, 99.0983

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9368, 86.5851, 95.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5653, 87.5854, 99.0983 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(223, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(223, 245, 245)  
}
```

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(223, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 245, 245) }
```

Border

The CSS property to change the border of an element to XYZ 79.5653, 87.5854, 99.0983 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(223, 245, 245) }
```


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

```
.border{ border-color:rgb(223, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(223, 245,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5653, 87.5854, 99.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 245, 245) }
```

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

```
.background{ background-color: rgb(223,  
245, 245) }
```

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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