

Converting Colors

XYZ(79.3656, 85.5146, 98.2897)

Have a look what the booklet for
XYZ(79.3656, 85.5146, 98.2897)
contains.

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Color

**XYZ(79.4630, 85.7731,
97.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F1F4
RGB	227, 241, 244
RGB Percent	89%, 95%, 96%
CMY	0.1098, 0.0549, 0.0431
CMYK	0.07, 0.01, 0.00, 0.04
HSL	191°, 44%, 92%
HSV	191°, 7%, 96%
XYZ	79.4630, 85.7731, 97.9557
YIQ	237.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

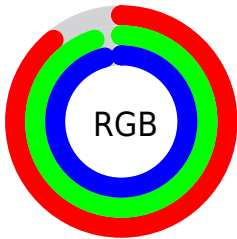
Format	Color
R_{YB}	227, 235, 244
Decimal	14938612
CIE _{Lab}	94.22, -4.04, -3.05
CIE _{LCh}	94, 5.059, 217.021
Yxy	85.7731, 0.3019, 0.3259
Android (android.graphics.Color)	4293128692 (0xFFE3F1F4)
YUV	237.1560, 3.3741, -8.9068
Hunter-Lab	92.6138, -8.9203, 2.1198

Details

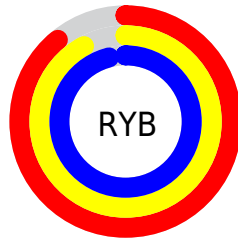
The XYZ color **79.4630, 85.7731, 97.9557** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4706, 81.3723, 84.1924**, and the grayscale version is **80.5984, 84.7958, 92.3426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4393, 47.0994, 54.3786** is the 20% darker color. If you saturate the color by 10%, you get **71.0484, 79.5698, 97.2032**, and if you desaturate by 10%, it is **89.0032, 92.6060, 98.7731**.

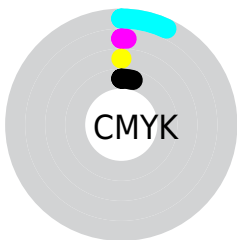
Distribution



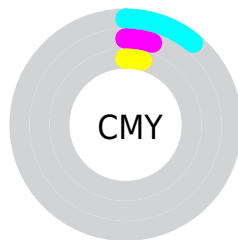
- Red (89%)
- Green (95%)
- Blue (96%)



- Red (89%)
- Yellow (92%)
- Blue (96%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4630, 85.7731, 97.9557 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 79.4630, 85.7731, 97.9557 by changing the saturation by 10% instead.

■ 79.4630, 85.7731,
97.9557

■ 79.4630, 85.7731,
97.9557

481.8854,
514.1827, 574.8090

■ 59.5835, 64.4804,
73.9870

131.5650,
141.4528, 160.3723

■ 43.3312, 47.0398,
54.2867

164.5181,
176.6086, 199.6573

■ 30.3407, 33.0672,
38.4362

202.5599,
217.1541, 244.8848

■ 20.2467, 22.1779,
26.0169

246.0557,
263.4739, 296.4733

■ 12.6838, 13.9877,
16.6104

295.3708,
315.9522, 354.8415

■ 7.2867, 8.1121,
9.7981

350.8705,

■ 3.6899, 4.1668,

374.9736, 420.4078

5.1615

412.9203,
440.9223, 493.5908

■ 1.5283, 1.7673,
2.2819

■ 0.3449, 0.4667,
0.7211

■ 79.4630, 85.7731,
97.9557

■ 79.4630, 85.7731,
97.9557

■ 71.0484, 79.5698,
97.2032

■ 89.0032, 92.6060,
98.7731

■ 63.7062, 73.9614,
96.5076

■ 91.6330, 95.9189,
99.2739

■ 57.3898, 68.9258,
95.8685

■ 92.9819, 98.6168,
99.7236

■ 52.0462, 64.4354,
95.2834

■ 93.3294, 99.3118,
99.8394

■ 47.6177, 60.4601,
94.7496

■ 44.0402, 56.9665,
94.2638

■ 41.2409, 53.9170,
93.8227

■ 39.1346, 51.2671,
93.4222

■ 37.6126, 48.9606,
93.0573

Harmonies

Analogous

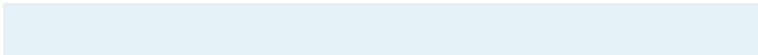
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9671, 85.7731, 94.3070



79.4630, 85.7731, 97.9557



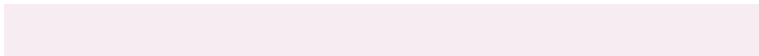
80.5122, 85.7731, 100.4289

Triad

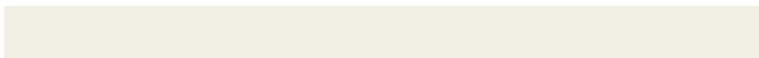
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4630, 85.7731, 97.9557



83.9461, 85.7731, 96.3346



81.2068, 85.7731, 86.1833

Complementary

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



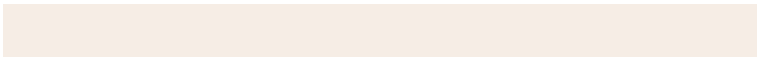
79.4630, 85.7731, 97.9557



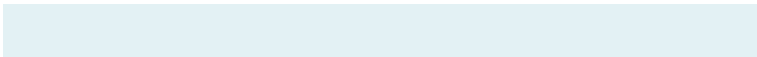
79.4706, 81.3723, 84.1924

Split Complementary

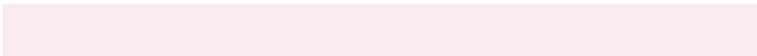
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5457, 85.7731, 86.6923



79.4630, 85.7731, 97.9557



84.1370, 85.7731, 92.4836

Square

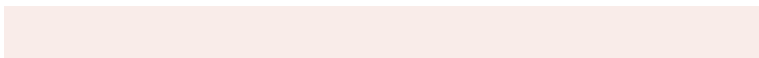
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4630, 85.7731, 97.9557



83.1030, 85.7731, 99.4750



83.6219, 85.7731, 88.9729



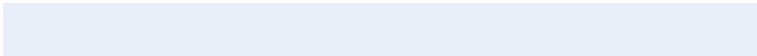
79.9667, 85.7731, 87.5628

Rectangle

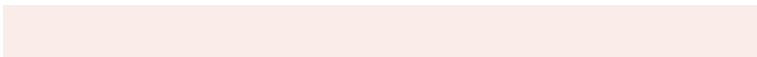
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



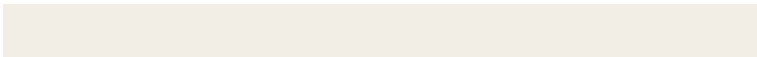
79.4630, 85.7731, 97.9557



81.3895, 85.7731, 101.0408



83.6219, 85.7731, 88.9729



81.6602, 85.7731, 86.1399

Sweetspot

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



79.4655, 85.7767, 97.9576



92.9124, 98.4733, 108.7180



78.2902, 86.7375, 87.3574



19.9095, 21.0934, 23.2720



0.0000, 0.0000, 0.0000



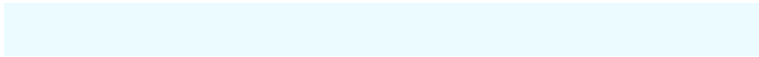
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4655, 85.7767, 97.9576



86.8026, 94.0614, 108.1884



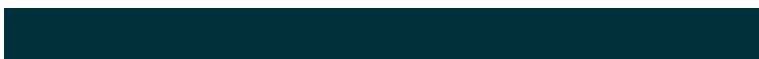
77.0538, 80.9533, 97.1537



16.7337, 18.2317, 21.1797



20.3257, 26.4451, 50.5712



1.8501, 2.4517, 4.4659

Inverse Universe

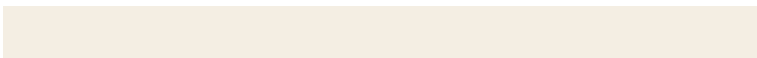
The Inverse Universe completely reimagines the original color for something new.



80.6564, 80.5239, 94.5149



88.3103, 87.4384, 103.8241



81.8464, 86.1240, 84.9843



17.0809, 16.7152, 20.1727



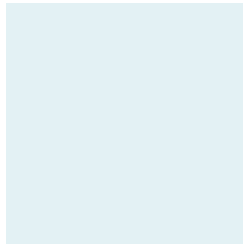
26.0640, 12.7690, 31.3749



2.3229, 1.1351, 2.9269

Previews

White Background



This preview shows how the XYZ color 79.4630, 85.7731, 97.9557 looks on a white background.

Color Contrast Check

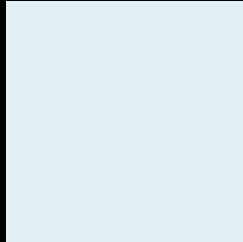
Large Text (above 18pt) WCAG AA × Fail

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 79.4630, 85.7731, 97.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

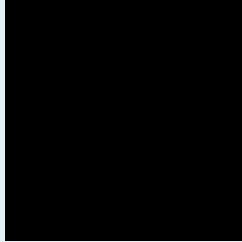
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

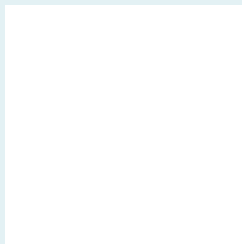
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4630, 85.7731, 97.9557

Background



This preview shows how black text looks on a background with the XYZ color 79.4630, 85.7731, 97.9557.



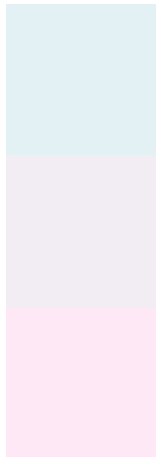
This preview shows how white text looks on a background with the XYZ color 79.4630, 85.7731,

97.9557.

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

79.4630, 85.7731, 97.9557

Protanopia

82.5868, 85.6800, 96.1895

Deuteranopia

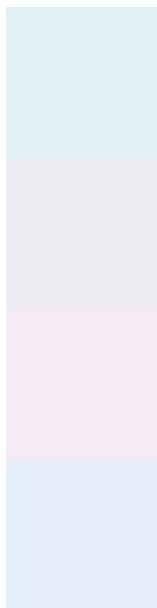
86.5780, 85.5658, 98.3389



Tritanopia

81.8715, 85.9419, 106.8811

Trichromacy



Original Color

79.4630, 85.7731, 97.9557

Protanomaly

81.3443, 85.4530, 97.0008

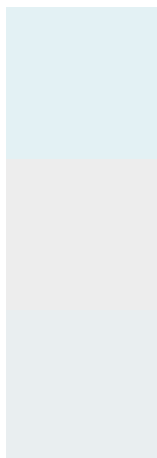
Deuteranomaly

83.8459, 85.4217, 98.4551

Tritanomaly

81.2058, 86.1082, 103.6073

Monochromacy



Original Color

79.4630, 85.7731, 97.9557

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.9070, 84.7640, 94.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4630, 85.7731, 97.9557 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(227, 241, 244) looks like.

```
.text, #text, p{  
    color:rgb(227, 241, 244)  
}
```

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(227, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.4630, 85.7731, 97.9557 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(227, 241, 244) }
```


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

```
.border{ border-color:rgb(227, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4630, 85.7731, 97.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 241, 244) }
```

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

```
.background{ background-color: rgb(227,  
241, 244) }
```

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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