

Converting Colors

XYZ(76.5987, 79.2391, 99.5613)

Have a look what the booklet for
XYZ(76.5987, 79.2391, 99.5613)
contains.

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Color

**XYZ(76.4864, 79.0849,
99.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5F7
RGB	227, 229, 247
RGB Percent	89%, 90%, 97%
CMY	0.1098, 0.1019, 0.0314
CMYK	0.08, 0.07, 0.00, 0.03
HSL	234°, 56%, 93%
HSV	234°, 8%, 97%
XYZ	76.4864, 79.0849, 99.2293
YIQ	230.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

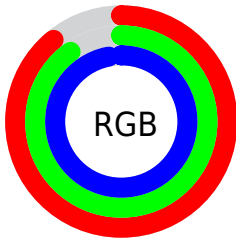
Format	Color
R_{YB}	227, 229, 247
Decimal	14935543
CIE _{Lab}	91.27, 2.69, -8.95
CIE _{LCh}	91, 9.347, 286.712
Y _{xy}	79.0849, 0.3002, 0.3104
Android (android.graphics.Color)	4293125623 (0xFFE3E5F7)
YUV	230.4540, 8.1572, -3.0292
Hunter-Lab	88.9297, -2.1032, -3.9060

Details

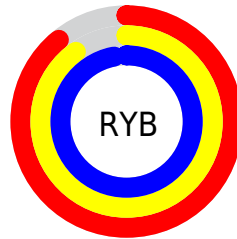
The XYZ color **76.4864, 79.0849, 99.2293** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8757, 90.6245, 85.6935**, and the grayscale version is **75.4971, 79.4289, 86.4980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5533, 42.8043, 55.3622** is the 20% darker color. If you saturate the color by 10%, you get **63.4869, 63.8328, 96.9717**, and if you desaturate by 10%, it is **91.3954, 96.4945, 101.8051**.

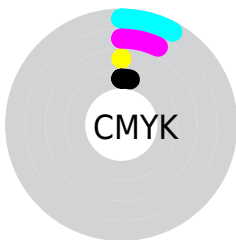
Distribution



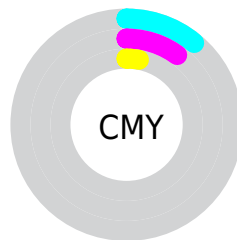
- Red (89%)
- Green (90%)
- Blue (97%)



- Red (89%)
- Yellow (90%)
- Blue (97%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4864, 79.0849, 99.2293 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 76.4864, 79.0849, 99.2293 by changing the saturation by 10% instead.

■ 76.4864, 79.0849,
99.2293

■ 76.4864, 79.0849,
99.2293

471.9299,
491.8435, 578.9445

■ 57.1299, 58.9656,
75.0438

127.3909,
132.0784, 162.1403

■ 41.3501, 42.5854,
55.1468

159.6697,
165.7214, 201.7028

■ 28.7816, 29.5600,
39.1199

196.9865,
204.6410, 247.2281

■ 19.0591, 19.5048,
26.5444

239.7068,
249.2218, 299.1346

■ 11.8173, 12.0356,
17.0020

288.1960,
299.8480, 357.8410

■ 6.6907, 6.7679,
10.0739

342.8193,

■ 3.3140, 3.3174,

356.9041, 423.7657

5.3418

403.9422,
420.7745, 497.3274

■ 1.3219, 1.2996,
2.3869

■ 0.1995, 0.1409,
0.7793

■ 76.4864, 79.0849,
99.2293

■ 76.4864, 79.0849,
99.2293

■ 63.4869, 63.8328,
96.9717

■ 91.3954, 96.4945,
101.8051

■ 52.3131, 50.6444,
95.0150

■ 93.7887, 99.4955,
102.2582

■ 42.8849, 39.4340,
93.3481

■ 35.1139, 30.1057,
91.9572

■ 28.9035, 22.5559,
90.8272

■ 24.1474, 16.6708,
89.9419

■ 20.7258, 12.3231,
89.2831

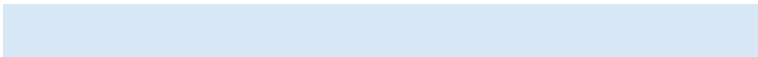
■ 18.4992, 9.3673,
88.8299

■ 17.2862, 7.6230,
88.5572

Harmonies

Analogous

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



74.1249, 79.0849, 99.4515



76.4864, 79.0849, 99.2293



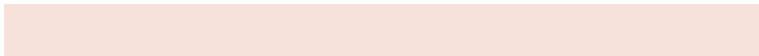
78.5353, 79.0849, 95.3756

Triad

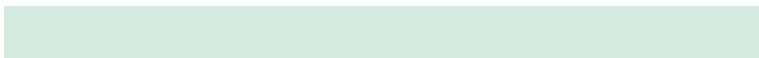
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4864, 79.0849, 99.2293



78.3371, 79.0849, 76.9518



70.8179, 79.0849, 83.1440

Complementary

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



76.4864, 79.0849, 99.2293



84.8757, 90.6245, 85.6935

Split Complementary

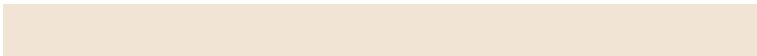
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8980, 79.0849, 77.4648



76.4864, 79.0849, 99.2293



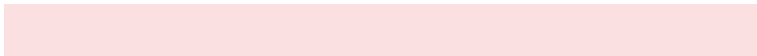
76.2205, 79.0849, 74.0185

Square

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



76.4864, 79.0849, 99.2293



79.6190, 79.0849, 82.4099



73.8645, 79.0849, 74.2012



70.8857, 79.0849, 89.9193

Rectangle

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



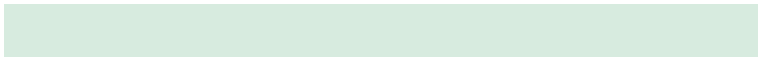
76.4864, 79.0849, 99.2293



79.4334, 79.0849, 91.3754



73.8645, 79.0849, 74.2012



71.0578, 79.0849, 81.0509

Sweetspot

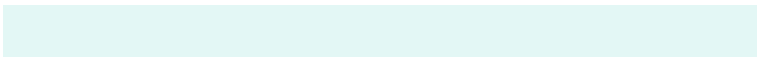
The Sweet Spot groups the original color and five complimentary colors.



76.4887, 79.0882, 99.2310



91.7519, 96.1523, 108.3312



81.3713, 89.4260, 99.0931



19.6732, 20.6209, 23.1933



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.



76.4887, 79.0882, 99.2310



79.3947, 81.7040, 106.1936



78.4100, 79.2607, 99.1631



15.7147, 16.1936, 20.8400



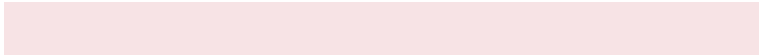
9.1058, 4.0053, 46.8312



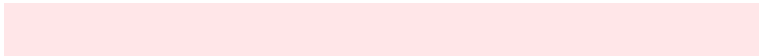
0.8441, 0.4397, 4.1306

Inverse Universe

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



79.9716, 80.3712, 85.4308



83.9710, 83.4050, 88.0571



82.8365, 90.4777, 85.7726



16.5666, 16.5095, 17.4641



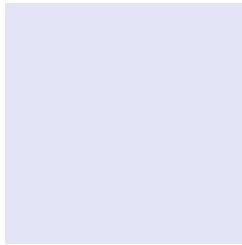
20.4007, 10.5037, 1.5524



1.8151, 0.9320, 0.2529

Previews

White Background



This preview shows how the XYZ color 76.4864, 79.0849, 99.2293 looks on a white background.

Color Contrast Check

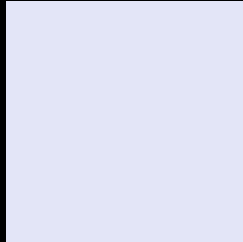
Large Text (above 18pt) WCAG AA × Fail

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 76.4864, 79.0849, 99.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

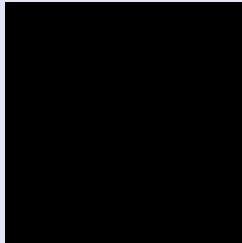
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4864, 79.0849, 99.2293

Background



This preview shows how black text looks on a background with the XYZ color 76.4864, 79.0849, 99.2293.



This preview shows how white text looks on a background with the XYZ color 76.4864, 79.0849,

99.2293.

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

76.4864, 79.0849, 99.2293

Protanopia

76.8450, 78.8602, 99.1671

Deuteranopia

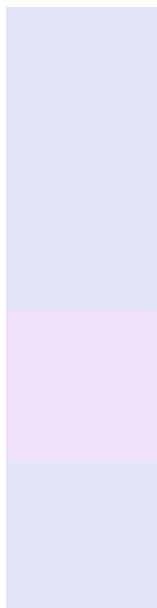
80.6392, 78.7858, 99.7640



Tritanopia

76.4864, 79.0849, 99.2293

Trichromacy



Original Color

76.4864, 79.0849, 99.2293

Protanomaly

76.5268, 78.6962, 99.1522

Deuteranomaly

79.1284, 78.8049, 99.8473

Tritanomaly

76.4864, 79.0849, 99.2293

Monochromacy



Original Color

76.4864, 79.0849, 99.2293

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7502, 79.3078, 90.6723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4864, 79.0849, 99.2293 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, 229, 247)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 247) }
```

Border

The CSS property to change the border of an element to XYZ 76.4864, 79.0849, 99.2293 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, 229, 247) }
```


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

```
.border{ border-color:rgb(227, 229, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4864, 79.0849, 99.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 247) }
```

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

```
.background{ background-color: rgb(227,  
229, 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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