

Converting Colors

XYZ(74.7799, 78.2583, 96.7520)

Have a look what the booklet for
XYZ(74.7799, 78.2583, 96.7520)
contains.

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Color

**XYZ(74.7799, 78.2583,
96.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE5F4
RGB	223, 229, 244
RGB Percent	87%, 90%, 96%
CMY	0.1255, 0.1019, 0.0431
CMYK	0.09, 0.06, 0.00, 0.04
HSL	223°, 49%, 92%
HSV	223°, 9%, 96%
XYZ	74.7799, 78.2583, 96.7520
YIQ	228.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

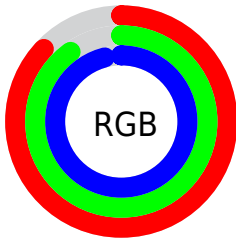
Format	Color
R_{YB}	223, 228, 244
Decimal	14673396
CIE _{Lab}	90.90, 0.82, -7.97
CIE _{LCh}	91, 8.014, 275.871
Yxy	78.2583, 0.2994, 0.3133
Android (android.graphics.Color)	4292863476 (0xFFDFE5F4)
YUV	228.9160, 7.4364, -5.1883
Hunter-Lab	88.4637, -3.9224, -2.9204

Details

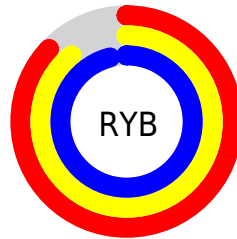
The XYZ color **74.7799, 78.2583, 96.7520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.2023, 85.7092, 82.0772**, and the grayscale version is **74.3679, 78.2408, 85.2042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3616, 42.2278, 53.6004** is the 20% darker color. If you saturate the color by 10%, you get **63.2158, 65.4970, 94.8995**, and if you desaturate by 10%, it is **87.9158, 92.5525, 98.8199**.

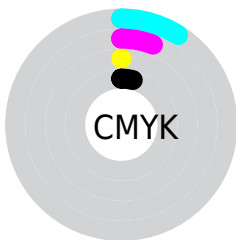
Distribution



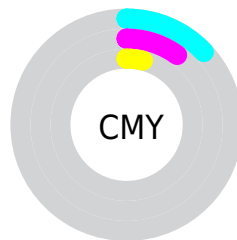
- Red (87%)
- Green (90%)
- Blue (96%)



- Red (87%)
- Yellow (89%)
- Blue (96%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7799, 78.2583, 96.7520 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 74.7799, 78.2583, 96.7520 by changing the saturation by 10% instead.

■ 74.7799, 78.2583,
96.7520

■ 74.7799, 78.2583,
96.7520

466.1696,
489.0436, 570.8857

■ 55.7261, 58.2862,
72.9891

124.9903,
130.9142, 158.6992

■ 40.2195, 42.0388,
53.4753

156.8777,
164.3667, 197.7206

■ 27.8947, 29.1317,
37.7920

193.7737,
203.0816, 242.6652

■ 18.3864, 19.1804,
25.5207

236.0435,
247.4431, 293.9516

■ 11.3291, 11.8007,
16.2429

284.0527,
297.8356, 351.9983

■ 6.3576, 6.6081,
9.5400

338.1665,

■ 3.1064, 3.2183,

354.6436, 417.2238

4.9934

398.7504,
418.2515, 490.0468

■ 1.2103, 1.2467,
2.1847

■ 0.1145, 0.0994,
0.6655

■ 74.7799, 78.2583,
96.7520

■ 74.7799, 78.2583,
96.7520

■ 63.2158, 65.4970,
94.8995

■ 87.9158, 92.5525,
98.8199

■ 53.1564, 54.2066,
93.2505

■ 93.3294, 99.3117,
99.8393

■ 44.5397, 44.3352,
91.7992

■ 37.2965, 35.8238,
90.5381

■ 31.3518, 28.6094,
89.4589

■ 26.6229, 22.6231,
88.5527

■ 23.0170, 17.7893,
87.8097

■ 20.4260, 14.0222,
87.2192

■ 18.7012, 11.2121,
86.7677

Harmonies

Analogous

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



72.8069, 78.2583, 95.7619



74.7799, 78.2583, 96.7520



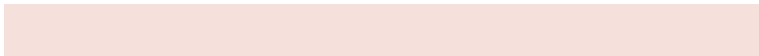
76.6796, 78.2583, 94.5381

Triad

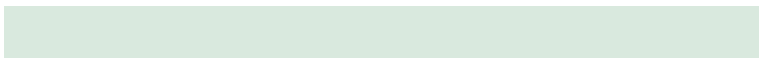
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7799, 78.2583, 96.7520



77.5717, 78.2583, 78.8614



70.8961, 78.2583, 80.7466

Complementary

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



74.7799, 78.2583, 96.7520



81.2023, 85.7092, 82.0772

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.



72.1311, 78.2583, 76.5166



74.7799, 78.2583, 96.7520



75.9800, 78.2583, 75.4631

Square

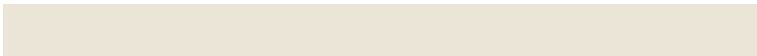
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7799, 78.2583, 96.7520



78.3101, 78.2583, 84.0780



73.9858, 78.2583, 74.6245



70.5878, 78.2583, 86.3521

Rectangle

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



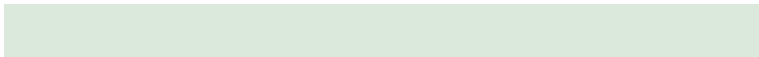
74.7799, 78.2583, 96.7520



77.6413, 78.2583, 91.5995



73.9858, 78.2583, 74.6245



71.2155, 78.2583, 79.1247

Sweetspot

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



74.7822, 78.2616, 96.7537



90.5732, 95.1416, 108.1982



78.1720, 86.5461, 93.2443



19.1361, 20.0919, 23.1195



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.



74.7822, 78.2616, 96.7537



80.7463, 84.4072, 106.6442



74.4599, 75.6719, 96.2709



15.9670, 16.6982, 20.9241



10.1619, 6.1175, 47.1832



0.9772, 0.7058, 4.1750

Inverse Universe

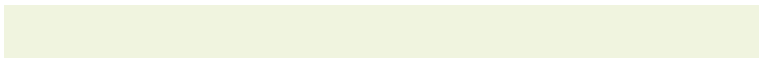
The Inverse Universe completely reimagines the original color for something new.



77.8406, 77.6672, 85.0213



84.6532, 83.6779, 91.6496



81.5386, 88.5207, 82.6021



16.6939, 16.5604, 18.1347



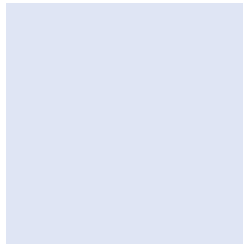
20.9338, 10.7169, 4.3595



1.8823, 0.9589, 0.6067

Previews

White Background



This preview shows how the XYZ color 74.7799, 78.2583, 96.7520 looks on a white background.

Color Contrast Check

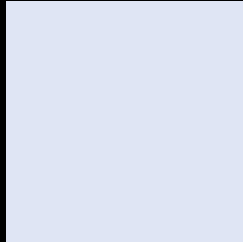
Large Text (above 18pt) WCAG AA × Fail

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 74.7799, 78.2583, 96.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

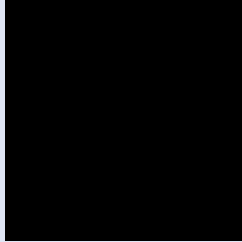
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

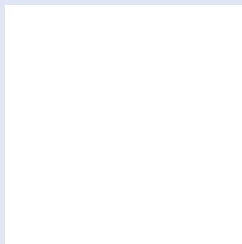
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7799, 78.2583, 96.7520

Background



This preview shows how black text looks on a background with the XYZ color 74.7799, 78.2583, 96.7520.



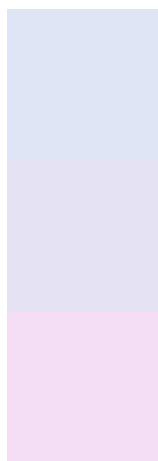
This preview shows how white text looks on a background with the XYZ color 74.7799, 78.2583,

96.7520.

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

74.7799, 78.2583, 96.7520

Protanopia

75.9598, 78.0672, 95.8590

Deuteranopia

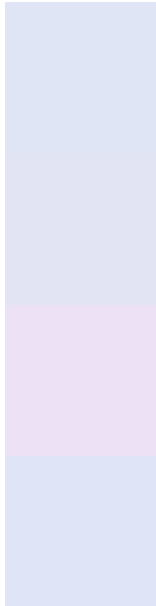
79.5649, 77.8898, 97.2269



Tritanopia

75.2392, 78.4420, 99.1710

Trichromacy



Original Color

74.7799, 78.2583, 96.7520

Protanomaly

75.5996, 78.2888, 95.9207

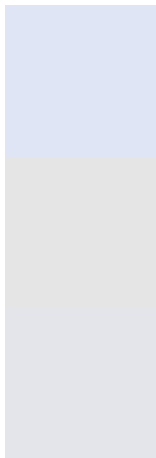
Deuteranomaly

77.9987, 78.2759, 97.3840

Tritanomaly

75.0853, 78.3804, 98.3603

Monochromacy



Original Color

74.7799, 78.2583, 96.7520

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5491, 78.3100, 89.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7799, 78.2583, 96.7520 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, 229, 244)` looks like.

```
.text, #text, p{  
    color:rgb(223, 229, 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(223, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 229, 244) }
```

Border

The CSS property to change the border of an element to XYZ 74.7799, 78.2583, 96.7520 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, 229, 244) }
```


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

```
.border{ border-color:rgb(223, 229, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 229, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 229, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 229, 244);  
box-shadow:4px 4px 4px 4px rgb(223, 229,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7799, 78.2583, 96.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 229, 244) }
```

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

```
.background{ background-color: rgb(223,  
229, 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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