

Converting Colors

XYZ(75.7957, 79.5539, 99.3573)

Have a look what the booklet for
XYZ(75.7957, 79.5539, 99.3573)
contains.

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Color

**XYZ(75.7958, 79.5552,
99.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE7F7
RGB	223, 231, 247
RGB Percent	87%, 91%, 97%
CMY	0.1255, 0.0941, 0.0314
CMYK	0.10, 0.06, 0.00, 0.03
HSL	220°, 60%, 92%
HSV	220°, 10%, 97%
XYZ	75.7958, 79.5552, 99.3565
YIQ	230.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

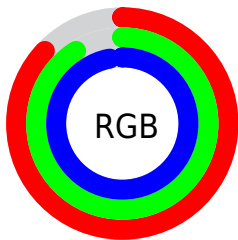
Format	Color
R _Y B	223, 229, 247
Decimal	14673911
CIE Lab	91.48, 0.37, -8.67
CIE LCh	91, 8.677, 272.439
Yxy	79.5552, 0.2976, 0.3123
Android (android.graphics.Color)	4292863991 (0xFFDFE7F7)
YUV	230.4320, 8.1680, -6.5179
Hunter-Lab	89.1937, -4.4018, -3.6099

Details

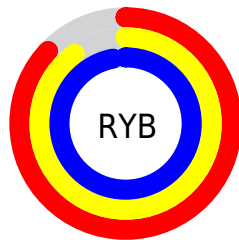
The XYZ color **75.7958, 79.5552, 99.3565** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5438, 86.8342, 82.2235**, and the grayscale version is **75.4823, 79.4132, 86.4810**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8824, 42.7464, 55.3864** is the 20% darker color. If you saturate the color by 10%, you get **64.3411, 67.1303, 97.5632**, and if you desaturate by 10%, it is **88.7988, 93.4259, 101.3497**.

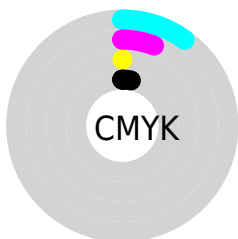
Distribution



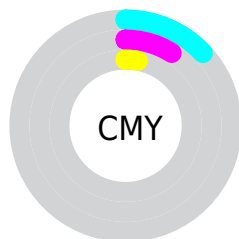
- Red (87%)
- Green (91%)
- Blue (97%)



- Red (87%)
- Yellow (90%)
- Blue (97%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7958, 79.5552, 99.3565 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 75.7958, 79.5552, 99.3565 by changing the saturation by 10% instead.

■ 75.7958, 79.5552,
99.3565

■ 75.7958, 79.5552,
99.3565

469.6035,
493.4326, 579.3566

■ 56.5615, 59.3524,
75.1493

126.4201,
132.7402, 162.3167

■ 40.8921, 42.8969,
55.2328

158.5409,
166.4912, 201.9069

■ 28.4221, 29.8042,
39.1883

195.6879,
205.5270, 247.4618

■ 18.7861, 19.6900,
26.5973

238.2264,
250.2320, 299.4000

■ 11.6189, 12.1699,
17.0412

286.5219,
300.9907, 358.1401

■ 6.5551, 6.8595,
10.1016

340.9397,

■ 3.2293, 3.3744,

358.1875, 424.1005

5.3599

401.8451,
422.2066, 497.6998

■ 1.2762, 1.3302,
2.3975

■ 0.1653, 0.1644,
0.7851

■ 75.7958, 79.5552,
99.3565

■ 75.7958, 79.5552,
99.3565

■ 64.3411, 67.1303,
97.5632

■ 88.7988, 93.4259,
101.3497

■ 54.3678, 56.0927,
95.9584

■ 93.7887, 99.4955,
102.2583

■ 45.8145, 46.3945,
94.5373

■ 38.6127, 37.9809,
93.2929

■ 32.6876, 30.7932,
92.2178

■ 27.9568, 24.7673,
91.3040

■ 24.3272, 19.8324,
90.5428

■ 21.6899, 15.9079,
89.9243

■ 19.8783, 12.8815,
89.4356

Harmonies

Analogous

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



73.6660, 79.5552, 97.8631



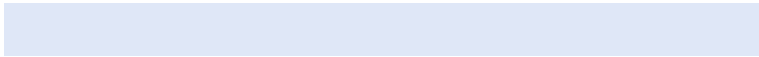
75.7958, 79.5552, 99.3565



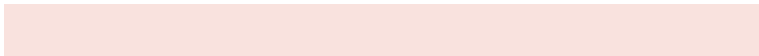
77.9168, 79.5552, 97.3024

Triad

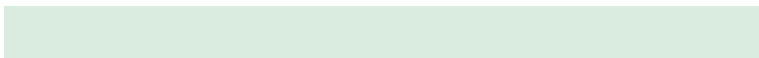
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7958, 79.5552, 99.3565



79.2575, 79.5552, 80.2577



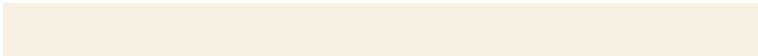
71.9105, 79.5552, 81.1132

Complementary

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



75.7958, 79.5552, 99.3565



82.5438, 86.8342, 82.2235

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.



73.3586, 79.5552, 76.7534



75.7958, 79.5552, 99.3565



77.5977, 79.5552, 76.2766

Square

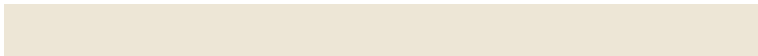
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7958, 79.5552, 99.3565



79.9396, 79.5552, 86.1053



75.4342, 79.5552, 75.0251



71.4490, 79.5552, 87.1410

Rectangle

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



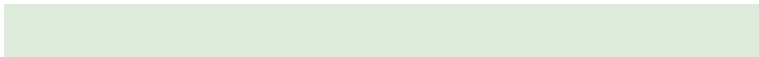
75.7958, 79.5552, 99.3565



79.0330, 79.5552, 94.2534



75.4342, 79.5552, 75.0251



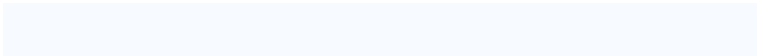
72.2966, 79.5552, 79.4142

Sweetspot

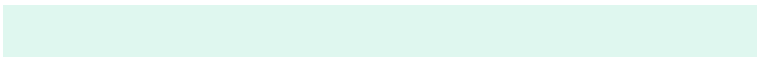
The Sweet Spot groups the original color and five complimentary colors.



75.7981, 79.5585, 99.3583



90.6862, 95.3676, 108.2359



79.2144, 88.4192, 94.2447



19.1665, 20.1528, 23.1296



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.



75.7981, 79.5585, 99.3583



78.5098, 82.3217, 106.3595



74.7300, 75.7581, 98.6810



16.0327, 16.8296, 20.9460



10.6057, 7.0052, 47.3312



1.0228, 0.7970, 4.1902

Inverse Universe

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



79.1710, 78.3206, 86.5498



82.9416, 80.7619, 89.5151



83.6817, 90.9765, 82.9631



16.7271, 16.5737, 18.3093



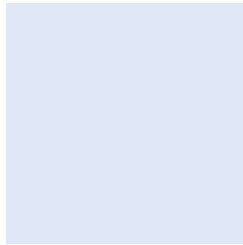
21.1578, 10.8065, 5.5392



1.9053, 0.9681, 0.7278

Previews

White Background



This preview shows how the XYZ color 75.7958, 79.5552, 99.3565 looks on a white background.

Color Contrast Check

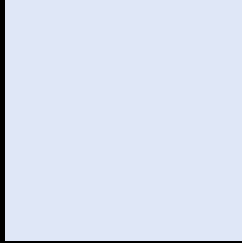
Large Text (above 18pt) WCAG AA × Fail

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 75.7958, 79.5552, 99.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

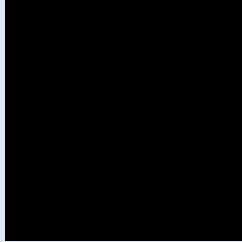
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

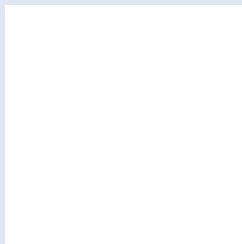
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7958, 79.5552, 99.3565

Background



This preview shows how black text looks on a background with the XYZ color 75.7958, 79.5552, 99.3565.



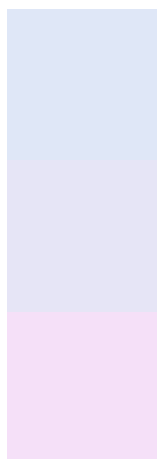
This preview shows how white text looks on a background with the XYZ color 75.7958, 79.5552,

99.3565.

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

75.7958, 79.5552, 99.3565

Protanopia

77.2870, 79.5154, 98.4633

Deuteranopia

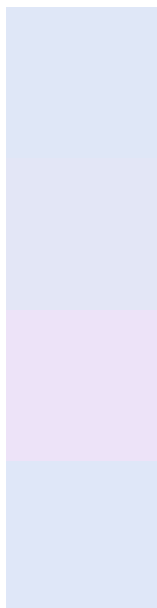
81.2551, 79.5011, 99.8696



Tritanopia

76.1062, 79.6794, 100.9910

Trichromacy



Original Color

75.7958, 79.5552, 99.3565

Protanomaly

76.6099, 79.5783, 98.5112

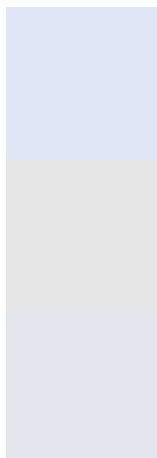
Deuteranomaly

79.3374, 79.7200, 100.0129

Tritanomaly

75.9506, 79.6171, 100.1716

Monochromacy



Original Color

75.7958, 79.5552, 99.3565

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.1157, 78.9807, 90.6426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7958, 79.5552, 99.3565 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, 231, 247)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 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(223, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 247) }
```

Border

The CSS property to change the border of an element to XYZ 75.7958, 79.5552, 99.3565 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, 231, 247) }
```


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

```
.border{ border-color:rgb(223, 231, 247) }
```

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

Here you see how a box with a 4 pixel rgb(223, 231, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7958, 79.5552, 99.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 247) }
```

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

```
.background{ background-color: rgb(223,  
231, 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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