

Converting Colors

XYZ(75.6763, 79.0254,
101.7073)

Have a look what the booklet for
XYZ(75.6763, 79.0254, 101.7073)
contains.

XYZ(75.6763, 79.0254, 101.7073)	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(75.6763, 79.0254,
101.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6FA
RGB	222, 230, 250
RGB Percent	87%, 90%, 98%
CMY	0.1294, 0.0980, 0.0196
CMYK	0.11, 0.08, 0.00, 0.02
HSL	223°, 74%, 93%
HSV	223°, 11%, 98%
XYZ	75.6763, 79.0254, 101.7073
YIQ	229.8880, -11.1880, 4.5240

Conversions

Conversions Part 2

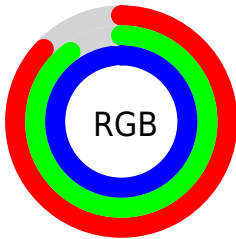
Format	Color
R _Y B	222, 228, 250
Decimal	14608122
CIE Lab	91.25, 1.16, -10.60
CIE LCh	91, 10.663, 276.225
Yxy	79.0254, 0.2951, 0.3082
Android (android.graphics.Color)	4292798202 (0xFFDEE6FA)
YUV	229.8880, 9.9152, -6.9178
Hunter-Lab	88.8962, -3.6135, -5.6071

Details

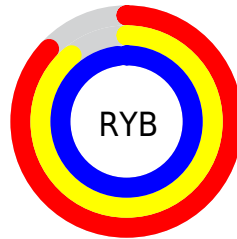
The XYZ color **75.6763, 79.0254, 101.7073** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3615, 89.1014, 81.8606**, and the grayscale version is **75.0679, 78.9772, 86.0062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0039, 42.7705, 57.1333** is the 20% darker color. If you saturate the color by 10%, you get **63.8633, 65.9354, 99.8045**, and if you desaturate by 10%, it is **89.1383, 93.7251, 103.8364**.

Distribution



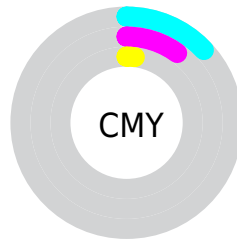
- Red (87%)
- Green (90%)
- Blue (98%)



- Red (87%)
- Yellow (89%)
- Blue (98%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6763, 79.0254, 101.7073 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 75.6763, 79.0254, 101.7073 by changing the saturation by 10% instead.

■ 75.6763, 79.0254,
101.7073

■ 75.6763, 79.0254,
101.7073

469.2003,
491.6423, 586.9460

■ 56.4632, 58.9167,
77.1023

126.2520,
131.9946, 165.5737

■ 40.8129, 42.5461,
56.8248

158.3454,
165.6239, 205.6723

■ 28.3599, 29.5291,
40.4562

195.4629,
204.5289, 251.7724

■ 18.7390, 19.4814,
27.5779

237.9700,
249.0939, 304.2927

■ 11.5847, 12.0187,
17.7715

286.2319,
299.7033, 363.6516

■ 6.5318, 6.7564,
10.6183

340.6140,

■ 3.2147, 3.3102,

356.7416, 430.2678

5.6999

401.4817,
420.5931, 504.5598

■ 1.2683, 1.2958,
2.5976

■ 0.1593, 0.1379,
0.8912

■ 75.6763, 79.0254,
101.7073

■ 75.6763, 79.0254,
101.7073

■ 63.8633, 65.9354,
99.8045

■ 89.1383, 93.7251,
103.8364

■ 53.6271, 54.3890,
98.1154

■ 94.2555, 99.6822,
104.7165

■ 44.9008, 44.3301,
96.6337

■ 37.6093, 35.6950,
95.3513

■ 31.6713, 28.4153,
94.2591

■ 26.9963, 22.4163,
93.3476

■ 23.4822, 17.6151,
92.6061

■ 21.0086, 13.9171,
92.0227

■ 19.5382, 11.4675,
91.6274

Harmonies

Analogous

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



73.0354, 79.0254, 100.3989



75.6763, 79.0254, 101.7073



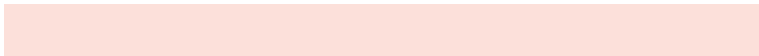
78.2249, 79.0254, 98.6205

Triad

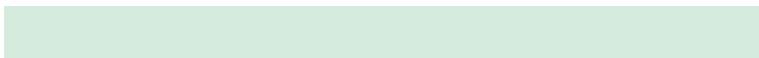
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6763, 79.0254, 101.7073



79.3826, 79.0254, 77.5449



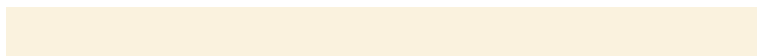
70.4545, 79.0254, 80.1828

Complementary

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



75.6763, 79.0254, 101.7073



84.3615, 89.1014, 81.8606

Split Complementary

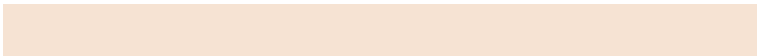
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0814, 79.0254, 74.5871



75.6763, 79.0254, 101.7073



77.2262, 79.0254, 73.1293

Square

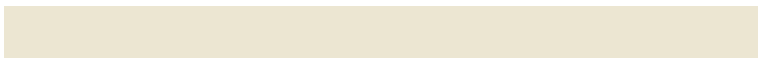
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6763, 79.0254, 101.7073



80.3975, 79.0254, 84.4411



74.5491, 79.0254, 72.0797



70.0620, 79.0254, 87.6695

Rectangle

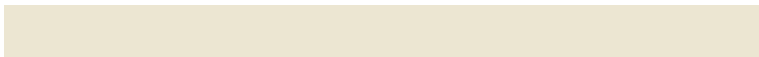
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6763, 79.0254, 101.7073



79.5150, 79.0254, 94.5885



74.5491, 79.0254, 72.0797



70.8732, 79.0254, 78.0325

Sweetspot

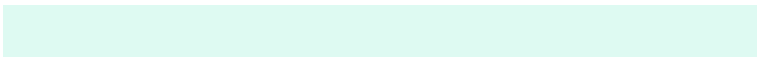
The Sweet Spot groups the original color and five complimentary colors.



75.6786, 79.0287, 101.7091



90.5731, 95.1415, 108.1982



80.2781, 90.2889, 96.8874



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.



75.6786, 79.0287, 101.7091



76.7954, 80.0602, 106.0134



75.2461, 75.5747, 101.0652



16.6871, 17.4510, 21.8742



10.4690, 6.2937, 48.6366



1.0559, 0.7555, 4.5333

Inverse Universe

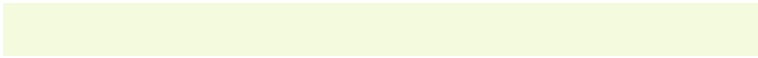
The Inverse Universe completely reimagines the original color for something new.



79.8303, 78.2813, 85.7691



81.7913, 79.2108, 86.8210



84.8189, 92.9512, 82.5795



17.4486, 17.3068, 18.9520



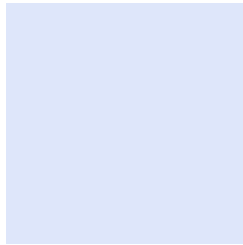
21.5763, 11.0462, 4.4773



2.0419, 1.0405, 0.6440

Previews

White Background



This preview shows how the XYZ color 75.6763, 79.0254, 101.7073 looks on a white background.

Color Contrast Check

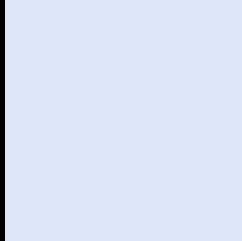
Large Text (above 18pt) WCAG AA × Fail

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 75.6763, 79.0254, 101.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

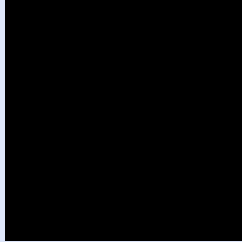
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6763, 79.0254, 101.7073

Background



This preview shows how black text looks on a background with the XYZ color 75.6763, 79.0254, 101.7073.



This preview shows how white text looks on a background with the XYZ color 75.6763, 79.0254,

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

75.6763, 79.0254, 101.7073

Protanopia

76.8372, 78.8203, 100.7866

Deuteranopia

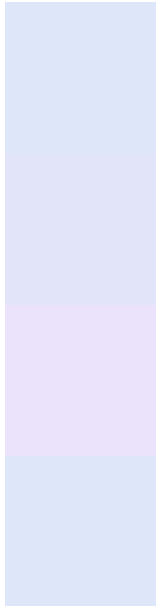
80.4182, 78.6176, 102.2030



Tritanopia

75.3643, 78.9005, 100.0641

Trichromacy



Original Color

75.6763, 79.0254, 101.7073

Protanomaly

76.4822, 79.0469, 100.8491

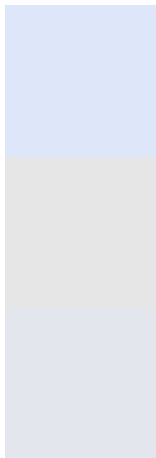
Deuteranomaly

78.8699, 79.0199, 102.3623

Tritanomaly

75.5199, 78.9628, 100.8835

Monochromacy



Original Color

75.6763, 79.0254, 101.7073

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2614, 79.0389, 91.4101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6763, 79.0254, 101.7073 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(222, 230, 250)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 250)  
}
```

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(222, 230, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 250) }
```

Border

The CSS property to change the border of an element to XYZ 75.6763, 79.0254, 101.7073 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(222, 230, 250) }
```


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

```
.border{ border-color:rgb(222, 230, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 250);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6763, 79.0254, 101.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 250) }
```

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

```
.background{ background-color: rgb(222,  
230, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor