

Converting Colors

XYZ(76.3194, 80.5611,
102.2101)

Have a look what the booklet for
XYZ(76.3194, 80.5611, 102.2101)
contains.

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Color

**XYZ(76.2130, 80.5521,
101.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE9FA
RGB	221, 233, 250
RGB Percent	87%, 91%, 98%
CMY	0.1333, 0.0863, 0.0196
CMYK	0.12, 0.07, 0.00, 0.02
HSL	215°, 74%, 92%
HSV	215°, 12%, 98%
XYZ	76.2130, 80.5521, 101.9737
YIQ	231.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

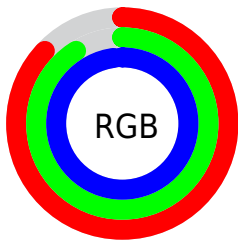
Format	Color
R _Y B	221, 229, 250
Decimal	14543354
CIE Lab	91.93, -0.71, -9.59
CIE LCh	92, 9.613, 265.772
Yxy	80.5521, 0.2946, 0.3113
Android (android.graphics.Color)	4292733434 (0xFFDDE9FA)
YUV	231.3500, 9.1945, -9.0769
Hunter-Lab	89.7508, -5.4885, -4.5389

Details

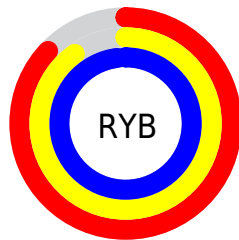
The XYZ color **76.2130, 80.5521, 101.9737** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0504, 86.6930, 80.7643**, and the grayscale version is **76.1586, 80.1248, 87.2559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1856, 43.4463, 57.2542** is the 20% darker color. If you saturate the color by 10%, you get **65.1840, 68.9642, 100.3196**, and if you desaturate by 10%, it is **88.7246, 93.4199, 103.7993**.

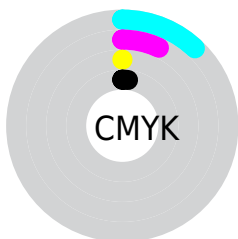
Distribution



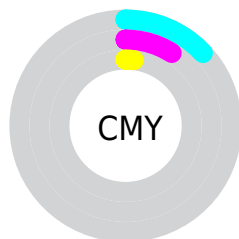
- Red (87%)
- Green (91%)
- Blue (98%)



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



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2130, 80.5521, 101.9737 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 76.2130, 80.5521, 101.9737 by changing the saturation by 10% instead.

■ 76.2130, 80.5521,
101.9737

■ 76.2130, 80.5521,
101.9737

471.0097,
496.7915, 587.8028

■ 56.9049, 60.1728,
77.3238

127.0067,
134.1417, 165.9423

■ 41.1687, 43.5579,
57.0055

159.2230,
168.1207, 206.0982

■ 28.6392, 30.3231,
40.6003

196.4726,
207.4018, 252.2598

■ 18.9509, 20.0840,
27.6896

239.1211,
252.3693, 304.8457

■ 11.7386, 12.4561,
17.8548

287.5337,
303.4076, 364.2744

■ 6.6369, 7.0551,
10.6774

342.0757,

■ 3.2804, 3.4966,

360.9012, 430.9644

5.7389

403.1126,
425.2343, 505.3344

■ 1.3037, 1.3962,
2.6208

■ 0.1860, 0.2139,
0.9032

■ 76.2130, 80.5521,
101.9737

■ 76.2130, 80.5521,
101.9737

■ 65.1840, 68.9642,
100.3196

■ 88.7246, 93.4199,
103.7993

■ 55.5723, 58.6038,
98.8264

■ 94.2556, 99.6822,
104.7165

■ 47.3178, 49.4292,
97.4906

■ 40.3535, 41.3925,
96.3064

■ 34.6059, 34.4418,
95.2677

■ 29.9935, 28.5204,
94.3679

■ 26.4234, 23.5652,
93.5996

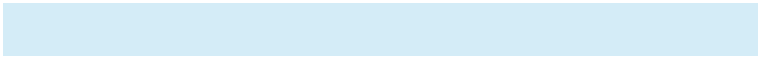
■ 23.7856, 19.5032,
92.9546

■ 22.1534, 16.6980,
92.4991

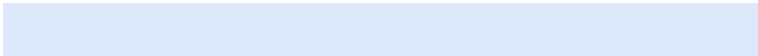
Harmonies

Analogous

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



73.9236, 80.5521, 99.4330



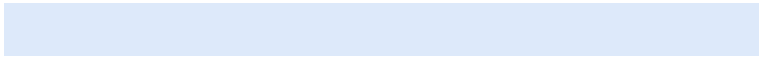
76.2130, 80.5521, 101.9737



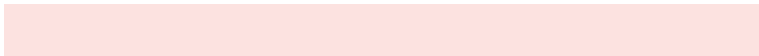
78.6446, 80.5521, 100.5265

Triad

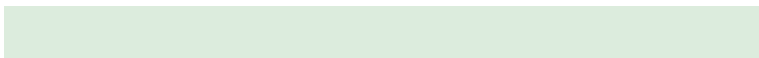
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2130, 80.5521, 101.9737



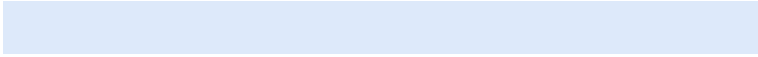
80.9165, 80.5521, 81.9292



72.7048, 80.5521, 80.2819

Complementary

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



76.2130, 80.5521, 101.9737



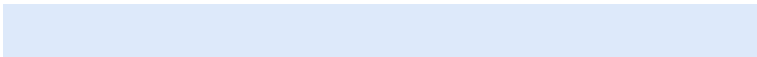
83.0504, 86.6930, 80.7643

Split Complementary

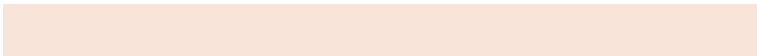
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5172, 80.5521, 76.0275



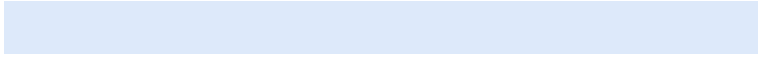
76.2130, 80.5521, 101.9737



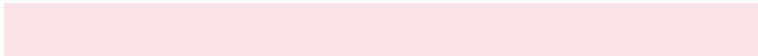
79.2632, 80.5521, 76.9421

Square

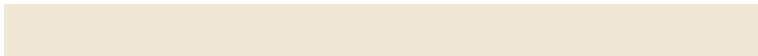
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



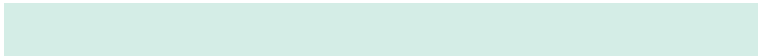
76.2130, 80.5521, 101.9737



81.3939, 80.5521, 88.7134



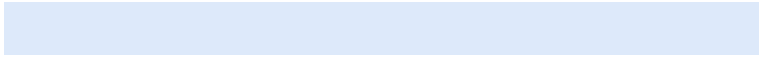
76.9128, 80.5521, 74.8381



71.9259, 80.5521, 86.7093

Rectangle

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



76.2130, 80.5521, 101.9737



80.0140, 80.5521, 97.5344



76.9128, 80.5521, 74.8381



73.2115, 80.5521, 78.5640

Sweetspot

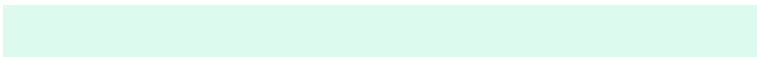
The Sweet Spot groups the original color and five complimentary colors.



76.2154, 80.5555, 101.9755



90.8776, 95.7504, 108.2997



79.4261, 89.9129, 93.9948



19.2181, 20.2559, 23.1468



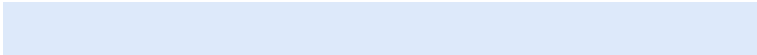
0.0000, 0.0000, 0.0000



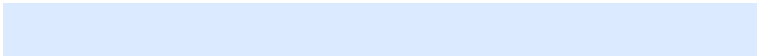
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2154, 80.5555, 101.9755



76.7984, 81.2159, 106.2363



73.6732, 74.3708, 100.9157



16.8732, 17.8232, 21.9362



11.8846, 9.1247, 49.1084



1.2025, 1.0486, 4.5822

Inverse Universe

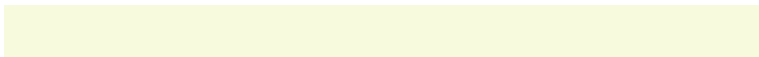
The Inverse Universe completely reimagines the original color for something new.



79.9906, 77.9218, 87.9191



81.5121, 78.0246, 88.6636



85.8019, 93.4734, 81.9280



17.5425, 17.3444, 19.4467



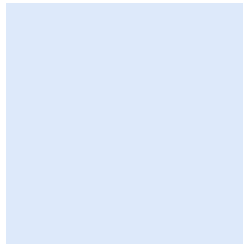
22.2908, 11.3320, 8.2398



2.1159, 1.0701, 1.0336

Previews

White Background



This preview shows how the XYZ color 76.2130, 80.5521, 101.9737 looks on a white background.

Color Contrast Check

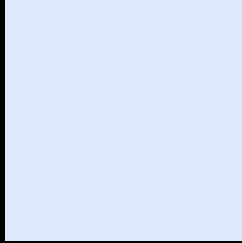
Large Text (above 18pt) WCAG AA × Fail

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 76.2130, 80.5521, 101.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

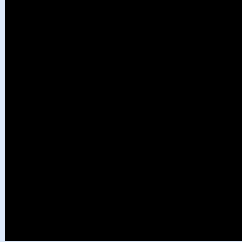
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

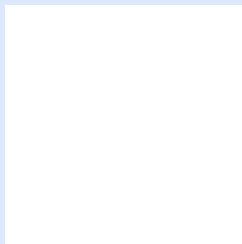
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2130, 80.5521, 101.9737

Background



This preview shows how black text looks on a background with the XYZ color 76.2130, 80.5521, 101.9737.



This preview shows how white text looks on a background with the XYZ color 76.2130, 80.5521,

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

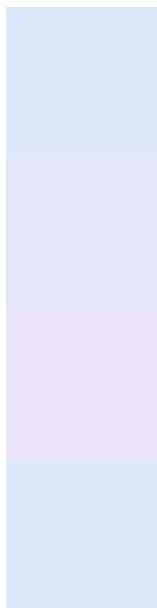




Tritanopia

76.3703, 80.6150, 102.8019

Trichromacy



Original Color

76.2130, 80.5521, 101.9737

Protanomaly

77.3534, 80.3223, 101.0493

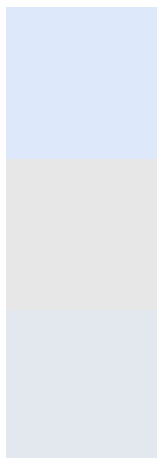
Deuteranomaly

79.7481, 80.2847, 102.5601

Tritanomaly

76.3703, 80.6150, 102.8019

Monochromacy



Original Color

76.2130, 80.5521, 101.9737

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9678, 80.2172, 92.3685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2130, 80.5521, 101.9737 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(221, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(221, 233, 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(221, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 233, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.2130, 80.5521, 101.9737 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(221, 233, 250) }
```


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

```
.border{ border-color:rgb(221, 233, 250) }
```

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

Here you see how a box with a 4 pixel rgb(221, 233, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(221, 233,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2130, 80.5521, 101.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 233, 250) }
```

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

```
.background{ background-color: rgb(221,  
233, 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](#).

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