

Converting Colors

XYZ(76.6106, 80.7044,
102.7215)

Have a look what the booklet for
XYZ(76.6106, 80.7044, 102.7215)
contains.

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Color

**XYZ(76.6757, 80.7725,
102.8162)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEE9FB |
| RGB | 222, 233, 251 |
| RGB Percent | 87%, 91%, 98% |
| CMY | 0.1294, 0.0863, 0.0157 |
| CMYK | 0.12, 0.07, 0.00, 0.02 |
| HSL | 217°, 78%, 93% |
| HSV | 217°, 12%, 98% |
| XYZ | 76.6757, 80.7725, 102.8162 |
| YIQ | 231.7630, -12.3340, 3.2660 |

Conversions

Conversions Part 2

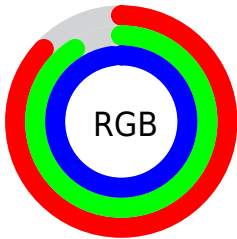
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 222, 230, 251 |
| Decimal | 14608891 |
| CIE Lab | 92.03, -0.19, -9.95 |
| CIE LCh | 92, 9.957, 268.881 |
| Yxy | 80.7725, 0.2946, 0.3103 |
| Android (android.graphics.Color) | 4292798971 (0xFFDEE9FB) |
| YUV | 231.7630, 9.4838, -8.5622 |
| Hunter-Lab | 89.8735, -4.9912, -4.9169 |

Details

The XYZ color **76.6757, 80.7725, 102.8162** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.1289, 88.1028, 81.6802**, and the grayscale version is **76.4645, 80.4466, 87.6064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3961, 43.5548, 57.2640** is the 20% darker color. If you saturate the color by 10%, you get **65.3367, 68.6693, 101.0789**, and if you desaturate by 10%, it is **89.5532, 94.2510, 104.7404**.

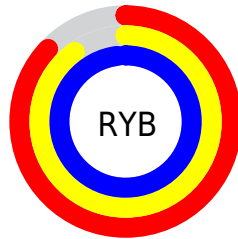
Distribution



Red (87%)

Green (91%)

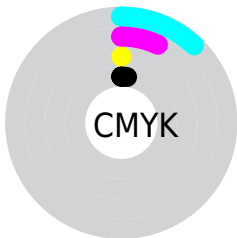
Blue (98%)



Red (87%)

Yellow (90%)

Blue (98%)

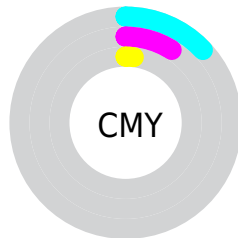


Cyan (12%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (13%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6757, 80.7725, 102.8162 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 76.6757, 80.7725, 102.8162 by changing the saturation by 10% instead.

■ 76.6757, 80.7725,
102.8162

■ 76.6757, 80.7725,
102.8162

472.5665,
497.5324, 590.5080

■ 57.2857, 60.3542,
78.0246

127.6569,
134.4513, 167.1075

■ 41.4757, 43.7042,
57.5776

159.9788,
168.4806, 207.4442

■ 28.8803, 30.4381,
41.0567

197.3421,
207.8157, 253.7997

■ 19.1341, 20.1713,
28.0434

240.1121,
252.8411, 306.5926

■ 11.8718, 12.5196,
18.1190

288.6542,
303.9410, 366.2413

■ 6.7280, 7.0986,
10.8652

343.3337,

■ 3.3374, 3.5238,

361.5000, 433.1644

5.8632

404.5161,
425.9023, 507.7805

■ 1.3346, 1.4110,
2.6946

■ 0.2089, 0.2248,
0.9407

■ 76.6757, 80.7725,
102.8162

■ 76.6757, 80.7725,
102.8162

■ 65.3367, 68.6693,
101.0789

■ 89.5532, 94.2510,
104.7404

■ 55.4685, 57.8852,
99.5175

■ 94.4128, 99.7451,
105.5447

■ 47.0091, 48.3748,
98.1277

■ 39.8887, 40.0861,
96.9031

■ 34.0314, 32.9629,
95.8369

■ 29.3528, 26.9439,
94.9217

■ 25.7571, 21.9608,
94.1494

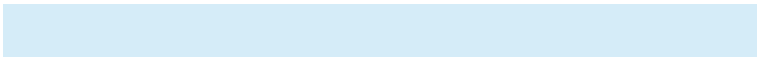
■ 23.1305, 17.9351,
93.5108

■ 21.5264, 15.1923,
93.0659

Harmonies

Analogous

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



74.2546, 80.7725, 100.5831



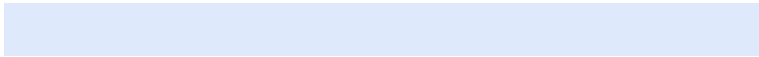
76.6757, 80.7725, 102.8162



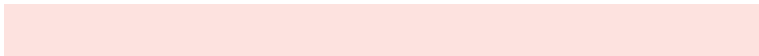
79.1751, 80.7725, 100.8847

Triad

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



76.6757, 80.7725, 102.8162



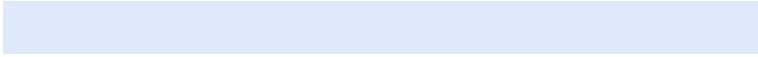
81.1654, 80.7725, 81.3097



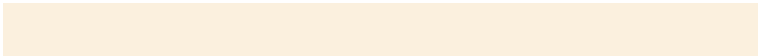
72.6324, 80.7725, 80.8577

Complementary

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



76.6757, 80.7725, 102.8162



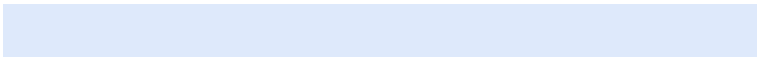
84.1289, 88.1028, 81.6802

Split Complementary

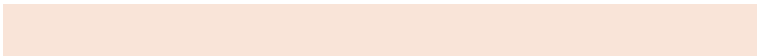
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4177, 80.7725, 76.1665



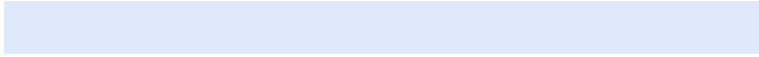
76.6757, 80.7725, 102.8162



79.3453, 80.7725, 76.4171

Square

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



76.6757, 80.7725, 102.8162



81.8017, 80.7725, 88.2233



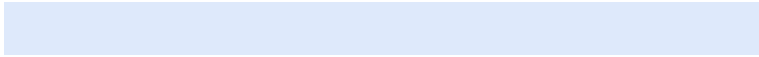
76.8681, 80.7725, 74.5862



71.9525, 80.7725, 87.6724

Rectangle

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



76.6757, 80.7725, 102.8162



80.5420, 80.7725, 97.5527



76.8681, 80.7725, 74.5862



73.1212, 80.7725, 78.9945

Sweetspot

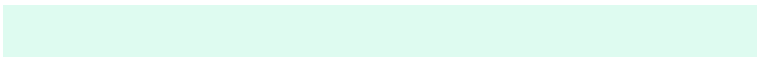
The Sweet Spot groups the original color and five complimentary colors.



76.6781, 80.7759, 102.8180



90.7955, 95.5862, 108.2723



80.3336, 90.8097, 95.6426



19.1960, 20.2116, 23.1395



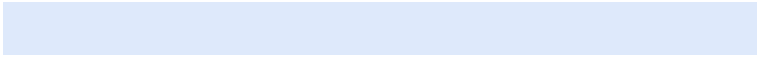
0.0000, 0.0000, 0.0000



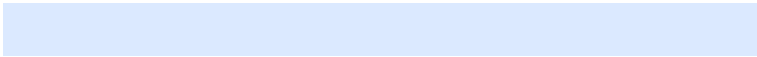
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6781, 80.7759, 102.8180



76.4490, 80.5171, 106.1198



74.7063, 75.2784, 101.8608



16.8228, 17.7224, 21.9194



11.4442, 8.2440, 48.9616



1.1585, 0.9607, 4.5675

Inverse Universe

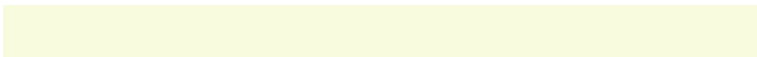
The Inverse Universe completely reimagines the original color for something new.



80.6148, 78.6367, 88.0243



81.3358, 77.9541, 87.7350



86.2589, 94.1561, 82.7363



17.5171, 17.3342, 19.3127



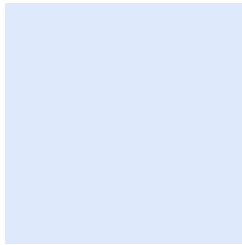
22.0685, 11.2431, 7.0694



2.0937, 1.0612, 0.9168

Previews

White Background



This preview shows how the XYZ color 76.6757, 80.7725, 102.8162 looks on a white background.

Color Contrast Check

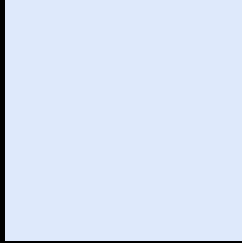
Large Text (above 18pt) WCAG AA × Fail

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 76.6757, 80.7725, 102.8162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

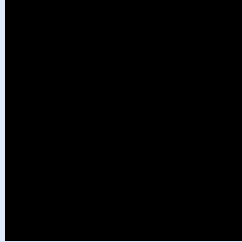
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

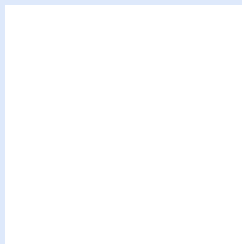
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6757, 80.7725, 102.8162

Background



This preview shows how black text looks on a background with the XYZ color 76.6757, 80.7725, 102.8162.

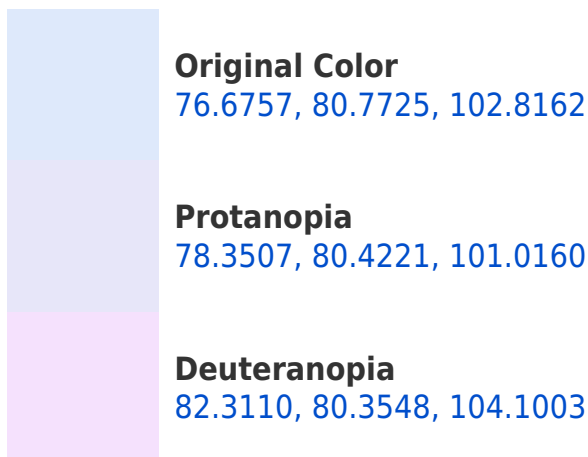


This preview shows how white text looks on a background with the XYZ color 76.6757, 80.7725,

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

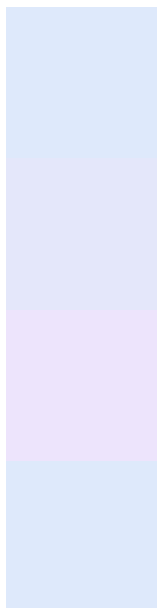




Tritanopia

76.6757, 80.7725, 102.8162

Trichromacy



Original Color

76.6757, 80.7725, 102.8162

Protanomaly

77.8261, 80.5479, 101.8879

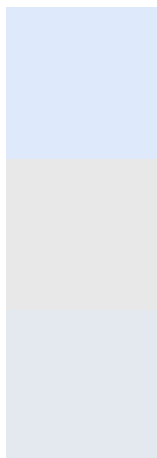
Deuteranomaly

80.2391, 80.5196, 103.4082

Tritanomaly

76.6757, 80.7725, 102.8162

Monochromacy



Original Color

76.6757, 80.7725, 102.8162

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.4315, 80.4392, 93.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6757, 80.7725, 102.8162 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, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(222, 233, 251)  
}
```

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, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 233, 251) }
```

Border

The CSS property to change the border of an element to XYZ 76.6757, 80.7725, 102.8162 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, 233, 251) }
```


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

```
.border{ border-color:rgb(222, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(222, 233,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6757, 80.7725, 102.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 233, 251) }
```

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

```
.background{ background-color: rgb(222,  
233, 251) }
```

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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