

Converting Colors

XYZ(75.7064, 81.5508,
101.0425)

Have a look what the booklet for
XYZ(75.7064, 81.5508, 101.0425)
contains.

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Color

**XYZ(75.7096, 81.5822,
101.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ECF9
RGB	217, 236, 249
RGB Percent	85%, 93%, 98%
CMY	0.1490, 0.0745, 0.0235
CMYK	0.13, 0.05, 0.00, 0.02
HSL	204°, 73%, 91%
HSV	204°, 13%, 98%
XYZ	75.7096, 81.5822, 101.3791
YIQ	231.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

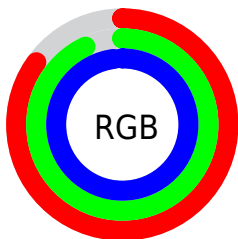
Format	Color
R _Y B	217, 229, 249
Decimal	14281977
CIE Lab	92.39, -3.71, -8.42
CIE LCh	92, 9.197, 246.221
Yxy	81.5822, 0.2927, 0.3154
Android (android.graphics.Color)	4292472057 (0xFFD9ECF9)
YUV	231.8010, 8.4791, -12.9805
Hunter-Lab	90.3229, -8.4444, -3.3216

Details

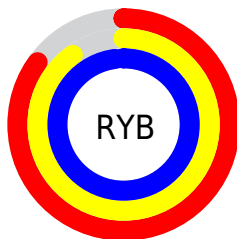
The XYZ color **75.7096, 81.5822, 101.3791** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8885, 81.7427, 77.2145**, and the grayscale version is **76.5019, 80.4859, 87.6492**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8472, 44.1742, 56.8257** is the 20% darker color. If you saturate the color by 10%, you get **66.0302, 72.3935, 100.1170**, and if you desaturate by 10%, it is **86.6753, 91.6831, 102.7521**.

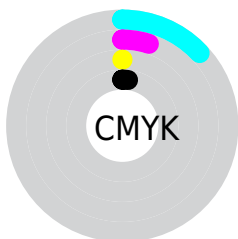
Distribution



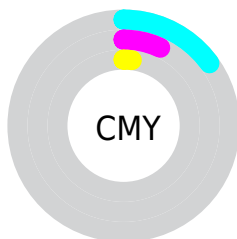
- Red (85%)
- Green (93%)
- Blue (98%)



- Red (85%)
- Yellow (90%)
- Blue (98%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7096, 81.5822, 101.3791 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 75.7096, 81.5822, 101.3791 by changing the saturation by 10% instead.

■ 75.7096, 81.5822,
101.3791

■ 75.7096, 81.5822,
101.3791

469.3127,
500.2491, 585.8896

■ 56.4906, 61.0212,
76.8295

126.2989,
135.5879, 165.1195

■ 40.8350, 44.2423,
56.6022

158.3999,
169.8015, 205.1473

■ 28.3773, 30.8610,
40.2787

195.5256,
209.3347, 251.1716

■ 18.7521, 20.4930,
27.4405

238.0415,
254.5719, 303.6110

■ 11.5943, 12.7539,
17.6690

286.3127,
305.8976, 362.8839

■ 6.5383, 7.2593,
10.5456

340.7048,

■ 3.2188, 3.6248,

363.6961, 429.4090

5.6519

401.5830,
428.3518, 503.6047

■ 1.2705, 1.4660,
2.5692

■ 0.1610, 0.2646,
0.8765

■ 75.7096, 81.5822,
101.3791

■ 75.7096, 81.5822,
101.3791

■ 66.0302, 72.3935,
100.1170

■ 86.6753, 91.6831,
102.7521

■ 57.5775, 64.0758,
98.9570

■ 94.0991, 99.6196,
103.8927

■ 50.2973, 56.5992,
97.8976

■ 44.1286, 49.9280,
96.9350

■ 39.0042, 44.0232,
96.0654

■ 34.8490, 38.8417,
95.2842

■ 31.5767, 34.3343,
94.5867

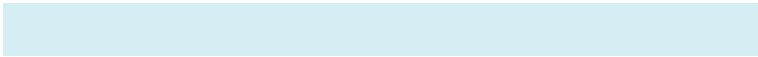
■ 29.0830, 30.4427,
93.9670

■ 27.6688, 27.9791,
93.5660

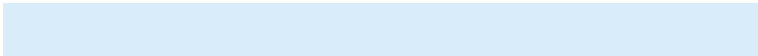
Harmonies

Analogous

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



73.9055, 81.5822, 96.8061



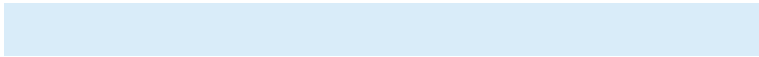
75.7096, 81.5822, 101.3791



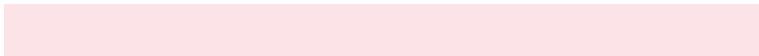
78.0387, 81.5822, 102.5149

Triad

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



75.7096, 81.5822, 101.3791



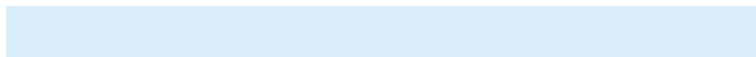
82.1834, 81.5822, 87.4157



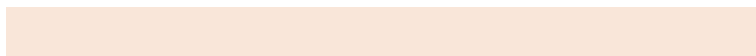
74.8669, 81.5822, 78.6634

Complementary

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



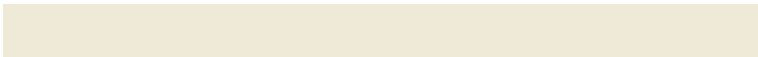
75.7096, 81.5822, 101.3791



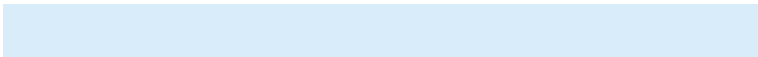
79.8885, 81.7427, 77.2145

Split Complementary

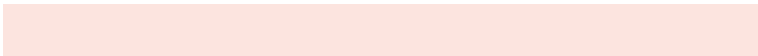
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0463, 81.5822, 76.4191



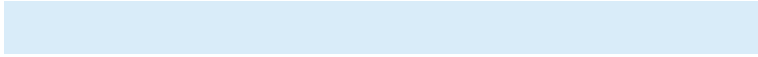
75.7096, 81.5822, 101.3791



81.2948, 81.5822, 81.3029

Square

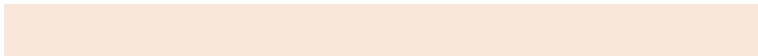
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7096, 81.5822, 101.3791



81.8079, 81.5822, 94.2229



79.4026, 81.5822, 77.3602



73.4259, 81.5822, 83.6453

Rectangle

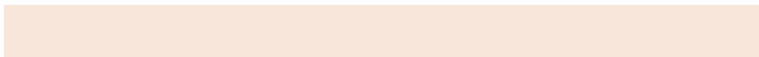
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7096, 81.5822, 101.3791



79.5823, 81.5822, 101.1215



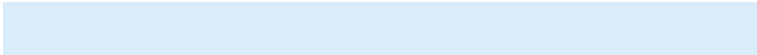
79.4026, 81.5822, 77.3602



75.5357, 81.5822, 77.5757

Sweetspot

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



75.7120, 81.5856, 101.3809



90.0891, 95.5018, 108.2932



76.7472, 88.2064, 87.6977



19.0885, 20.2640, 23.1552



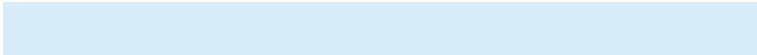
0.0000, 0.0000, 0.0000



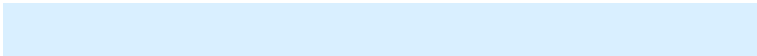
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7120, 81.5856, 101.3809



77.5938, 83.9391, 106.7200



71.3613, 72.8843, 99.9307



17.1401, 18.3570, 22.0252



14.9536, 15.2629, 50.1314



1.4890, 1.6218, 4.6777

Inverse Universe

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



79.0220, 75.8233, 89.8313



81.6373, 77.0164, 92.5849



84.4876, 90.9408, 78.7475



17.6772, 17.3983, 20.1561



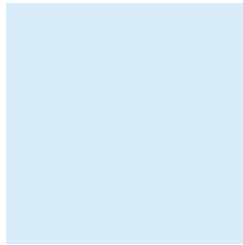
23.8399, 11.9517, 16.3974



2.2605, 1.1279, 1.7953

Previews

White Background



This preview shows how the XYZ color 75.7096, 81.5822, 101.3791 looks on a white background.

Color Contrast Check

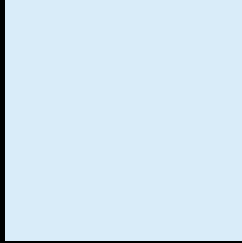
Large Text (above 18pt) WCAG AA × Fail

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 75.7096, 81.5822, 101.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

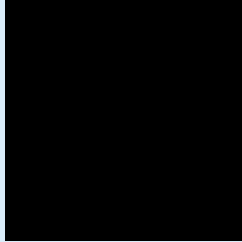
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

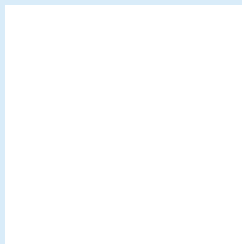
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7096, 81.5822, 101.3791

Background



This preview shows how black text looks on a background with the XYZ color 75.7096, 81.5822, 101.3791.

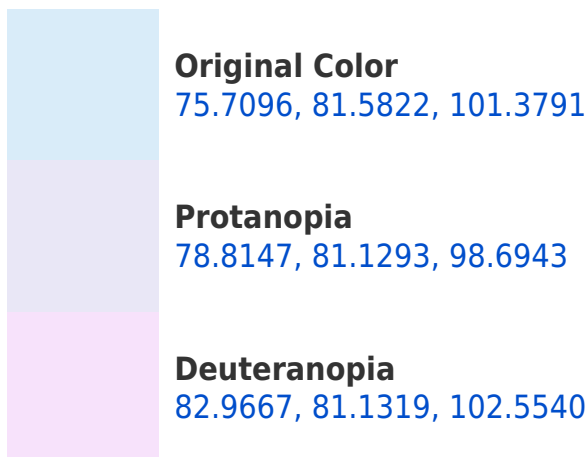


This preview shows how white text looks on a background with the XYZ color 75.7096, 81.5822,

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

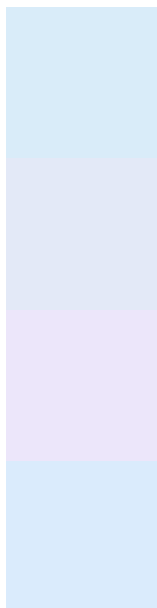




Tritanopia

76.5112, 81.4778, 105.4602

Trichromacy



Original Color

75.7096, 81.5822, 101.3791

Protanomaly

77.6060, 81.3241, 99.6025

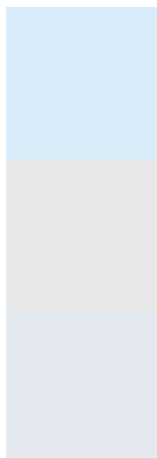
Deuteranomaly

80.1442, 81.3286, 101.9164

Tritanomaly

76.1925, 81.3504, 103.7819

Monochromacy



Original Color

75.7096, 81.5822, 101.3791

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2501, 80.7818, 92.4626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7096, 81.5822, 101.3791 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(217, 236, 249)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 249)  
}
```

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(217, 236, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.7096, 81.5822, 101.3791 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(217, 236, 249) }
```


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

```
.border{ border-color:rgb(217, 236, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 236, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 236, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 236, 249);  
box-shadow:4px 4px 4px 4px rgb(217, 236,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7096, 81.5822, 101.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 249) }
```

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

```
.background{ background-color: rgb(217,  
236, 249) }
```

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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