

Converting Colors

XYZ(75.3637, 81.8025, 98.3890)

Have a look what the booklet for
XYZ(75.3637, 81.8025, 98.3890)
contains.

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Color

**XYZ(75.3809, 81.9127,
98.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EDF5
RGB	217, 237, 245
RGB Percent	85%, 93%, 96%
CMY	0.1490, 0.0706, 0.0392
CMYK	0.11, 0.03, 0.00, 0.04
HSL	197°, 58%, 91%
HSV	197°, 11%, 96%
XYZ	75.3809, 81.9127, 98.2239
YIQ	231.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

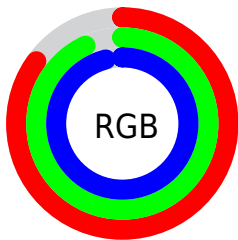
Format	Color
R _Y B	217, 229, 245
Decimal	14282229
CIE Lab	92.54, -5.01, -6.12
CIE LCh	93, 7.907, 230.679
Yxy	81.9127, 0.2950, 0.3206
Android (android.graphics.Color)	4292472309 (0xFFD9EDF5)
YUV	231.9320, 6.4425, -13.0954
Hunter-Lab	90.5056, -9.7147, -0.9923

Details

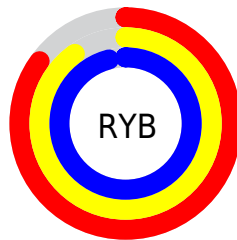
The XYZ color **75.3809, 81.9127, 98.2239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1062, 78.2722, 76.6912**, and the grayscale version is **76.6140, 80.6039, 87.7776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6095, 44.4033, 54.5744** is the 20% darker color. If you saturate the color by 10%, you get **66.6464, 74.4630, 97.2476**, and if you desaturate by 10%, it is **85.2804, 90.0847, 99.2808**.

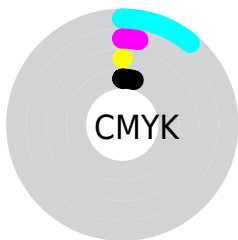
Distribution



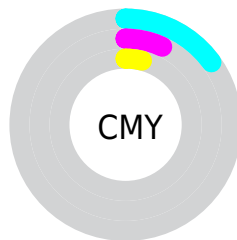
- Red (85%)
- Green (93%)
- Blue (96%)



- Red (85%)
- Yellow (90%)
- Blue (96%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3809, 81.9127, 98.2239 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 75.3809, 81.9127, 98.2239 by changing the saturation by 10% instead.

■ 75.3809, 81.9127,
98.2239

■ 75.3809, 81.9127,
98.2239

468.2028,
501.3556, 575.6812

■ 56.2203, 61.2936,
74.2095

125.8364,
136.0516, 160.7448

■ 40.6172, 44.4621,
54.4677

157.8620,
170.3401, 200.0883

■ 28.2065, 31.0340,
38.5800

194.9067,
209.9539, 245.3787

■ 18.6226, 20.6247,
26.1278

237.3357,
255.2774, 297.0344

■ 11.5003, 12.8500,
16.6927

285.5145,
306.6949, 355.4739

■ 6.4742, 7.3253,
9.8560

339.8083,

■ 3.1789, 3.6664,

364.5908, 421.1159

5.1992

400.5826,
429.3496, 494.3788

■ 1.2490, 1.4887,
2.3038

■ 0.1446, 0.2808,
0.7334

■ 75.3809, 81.9127,
98.2239

■ 75.3809, 81.9127,
98.2239

■ 66.6464, 74.4630,
97.2476

■ 85.2804, 90.0847,
99.2808

■ 59.0212, 67.6991,
96.3439

■ 92.2186, 96.8465,
100.2203

■ 52.4560, 61.5963,
95.5120

■ 93.4817, 99.3727,
100.6413

■ 46.8944, 56.1242,
94.7489

■ 42.2747, 51.2496,
94.0515

■ 38.5279, 46.9356,
93.4163

■ 35.5749, 43.1398,
92.8393

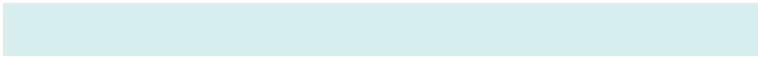
■ 33.3209, 39.8119,
92.3157

■ 31.8179, 37.2651,
91.9034

Harmonies

Analogous

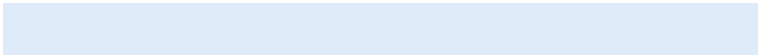
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2205, 81.9127, 93.2412



75.3809, 81.9127, 98.2239



77.2180, 81.9127, 100.8166

Triad

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



75.3809, 81.9127, 98.2239



81.8163, 81.9127, 91.0326



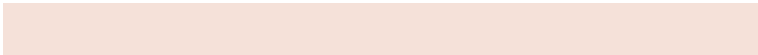
76.4699, 81.9127, 79.0247

Complementary

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



75.3809, 81.9127, 98.2239



77.1062, 78.2722, 76.6912

Split Complementary

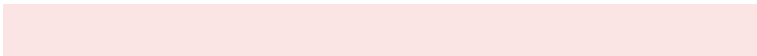
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4966, 81.9127, 78.4917



75.3809, 81.9127, 98.2239



81.6074, 81.9127, 85.2560

Square

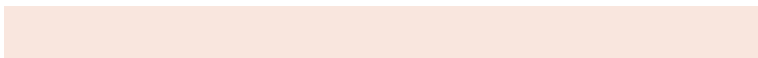
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



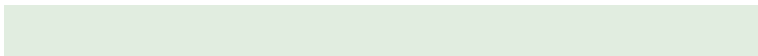
75.3809, 81.9127, 98.2239



80.9495, 81.9127, 96.5462



80.3838, 81.9127, 80.7259



74.8415, 81.9127, 82.2154

Rectangle

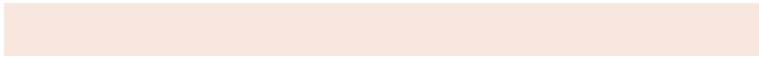
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3809, 81.9127, 98.2239



78.5894, 81.9127, 100.7661



80.3838, 81.9127, 80.7259



77.1263, 81.9127, 78.5344

Sweetspot

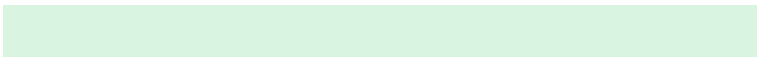
The Sweet Spot groups the original color and five complimentary colors.



75.3833, 81.9161, 98.2257



91.5983, 97.1918, 108.5399



74.8506, 85.4905, 83.7442



19.4127, 20.6451, 23.2117



0.0000, 0.0000, 0.0000



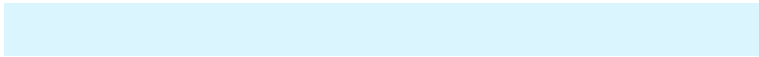
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3833, 81.9161, 98.2257



79.9471, 87.5132, 107.2858



71.5036, 74.1568, 96.9325



16.5735, 17.9113, 21.1263



17.2647, 20.3233, 49.5509



1.6048, 1.9610, 4.3842

Inverse Universe

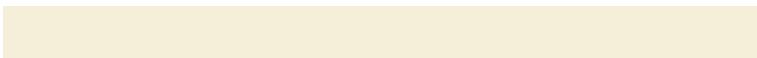
The Inverse Universe completely reimagines the original color for something new.



77.7570, 75.1543, 90.5328



83.1015, 78.6604, 97.0329



81.0289, 86.1176, 77.9988



17.0000, 16.6829, 19.7468



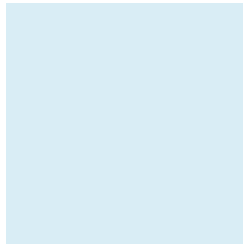
24.5190, 12.1510, 23.2390



2.1991, 1.0856, 2.2748

Previews

White Background



This preview shows how the XYZ color 75.3809, 81.9127, 98.2239 looks on a white background.

Color Contrast Check

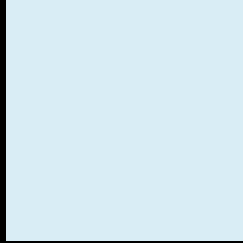
Large Text (above 18pt) WCAG AA × Fail

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 75.3809, 81.9127, 98.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

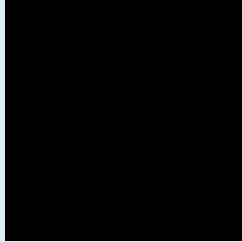
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3809, 81.9127, 98.2239

Background



This preview shows how black text looks on a background with the XYZ color 75.3809, 81.9127, 98.2239.

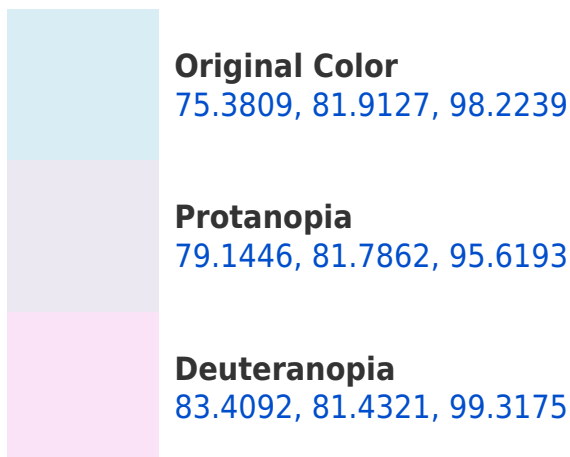


This preview shows how white text looks on a background with the XYZ color 75.3809, 81.9127,

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

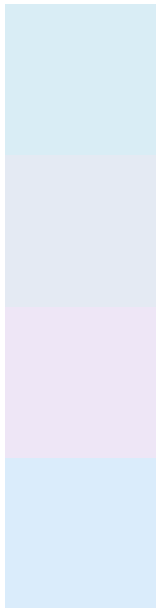




Tritanopia

77.0983, 82.2067, 105.5699

Trichromacy



Original Color

75.3809, 81.9127, 98.2239

Protanomaly

77.5954, 81.8107, 96.4953

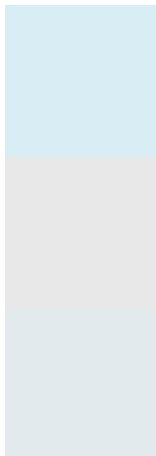
Deuteranomaly

80.1913, 81.4246, 98.6788

Tritanomaly

76.3215, 81.8614, 103.0450

Monochromacy



Original Color

75.3809, 81.9127, 98.2239

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.3874, 81.2910, 91.7854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3809, 81.9127, 98.2239 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, 237, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 237, 245)  
}
```

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, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 237, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.3809, 81.9127, 98.2239 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, 237, 245) }
```


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

```
.border{ border-color:rgb(217, 237, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 237, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(217, 237,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3809, 81.9127, 98.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 237, 245) }
```

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

```
.background{ background-color: rgb(217,  
237, 245) }
```

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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