

Converting Colors

XYZ(76.1527, 78.4832, 98.4188)

Have a look what the booklet for
XYZ(76.1527, 78.4832, 98.4188)
contains.

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Color

**XYZ(76.0565, 78.4715,
98.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E4F6
RGB	227, 228, 246
RGB Percent	89%, 89%, 96%
CMY	0.1098, 0.1059, 0.0353
CMYK	0.08, 0.07, 0.00, 0.04
HSL	237°, 51%, 93%
HSV	237°, 8%, 96%
XYZ	76.0565, 78.4715, 98.3267
YIQ	229.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

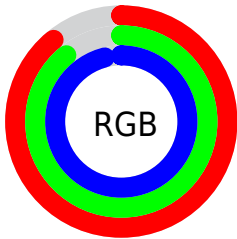
Format	Color
R _Y B	227, 228, 246
Decimal	14935286
CIE Lab	90.99, 3.01, -8.84
CIE LCh	91, 9.342, 288.820
Yxy	78.4715, 0.3008, 0.3103
Android (android.graphics.Color)	4293125366 (0xFFE3E4F6)
YUV	229.7530, 8.0098, -2.4144
Hunter-Lab	88.5841, -1.7659, -3.8019

Details

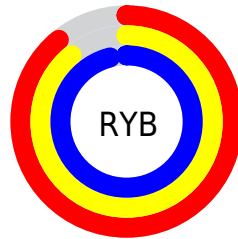
The XYZ color **76.0565, 78.4715, 98.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.5238, 90.4430, 85.6768**, and the grayscale version is **74.9792, 78.8840, 85.9046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2511, 42.3755, 54.7203** is the 20% darker color. If you saturate the color by 10%, you get **62.8614, 62.7878, 95.9961**, and if you desaturate by 10%, it is **91.2287, 96.4611, 101.0006**.

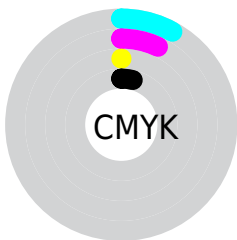
Distribution



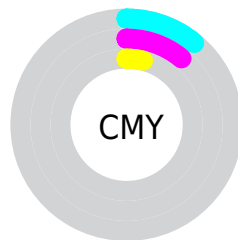
- Red (89%)
- Green (89%)
- Blue (96%)



- Red (89%)
- Yellow (89%)
- Blue (96%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0565, 78.4715, 98.3267 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 76.0565, 78.4715, 98.3267 by changing the saturation by 10% instead.

■ 76.0565, 78.4715,
98.3267

■ 76.0565, 78.4715,
98.3267

470.4825,
489.7666, 576.0153

■ 56.7761, 58.4614,
74.2948

126.7867,
131.2146, 160.8875

■ 41.0649, 42.1797,
54.5371

158.9672,
164.7163, 200.2535

■ 28.5577, 29.2420,
38.6351

196.1784,
203.4841, 245.5679

■ 18.8891, 19.2640,
26.1703

238.7856,
247.9022, 297.2493

■ 11.6937, 11.8612,
16.7242

287.1543,
298.3551, 355.7162

■ 6.6062, 6.6492,
9.8782

341.6498,

■ 3.2612, 3.2437,

355.2273, 421.3871

5.2137

402.6374,
418.9030, 494.6806

■ 1.2933, 1.2603,
2.3123

■ 0.1782, 0.1101,
0.7381

■ 76.0565, 78.4715,
98.3267

■ 76.0565, 78.4715,
98.3267

■ 62.8614, 62.7878,
95.9961

■ 91.2287, 96.4611,
101.0006

■ 51.5553, 49.3073,
93.9900

■ 93.6348, 99.4339,
101.4476

■ 42.0540, 37.9343,
92.2956

■ 34.2638, 28.5623,
90.8972

■ 28.0830, 21.0753,
89.7778

■ 23.3987, 15.3455,
88.9187

■ 20.0839, 11.2293,
88.2990

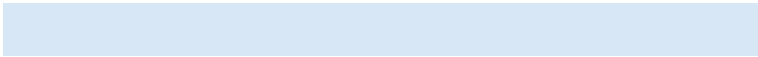
■ 17.9898, 8.5604,
87.8942

■ 16.9260, 7.1323,
87.6746

Harmonies

Analogous

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



73.7095, 78.4715, 98.8191



76.0565, 78.4715, 98.3267



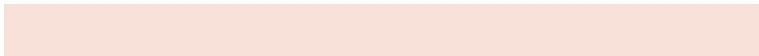
78.0483, 78.4715, 94.2768

Triad

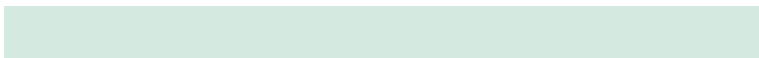
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0565, 78.4715, 98.3267



77.6090, 78.4715, 76.0402



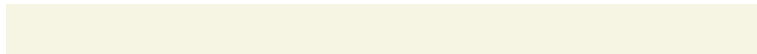
70.2263, 78.4715, 82.9500

Complementary

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



76.0565, 78.4715, 98.3267



84.5238, 90.4430, 85.6768

Split Complementary

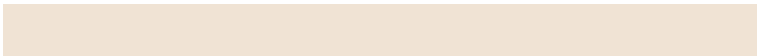
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2253, 78.4715, 77.1774



76.0565, 78.4715, 98.3267



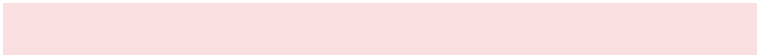
75.4670, 78.4715, 73.3303

Square

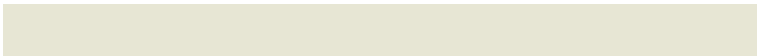
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0565, 78.4715, 98.3267



78.9576, 78.4715, 81.3228



73.1322, 78.4715, 73.7354



70.3765, 78.4715, 89.6983

Rectangle

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



76.0565, 78.4715, 98.3267



78.8913, 78.4715, 90.2182



73.1322, 78.4715, 73.7354



70.4380, 78.4715, 80.8377

Sweetspot

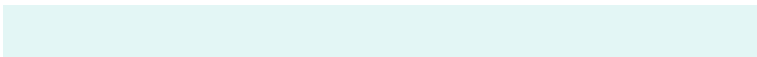
The Sweet Spot groups the original color and five complimentary colors.



76.0588, 78.4748, 98.3284



91.6768, 96.0020, 108.3061



81.0764, 88.8201, 99.0450



19.6579, 20.5903, 23.1882



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.



76.0588, 78.4748, 98.3284



80.5581, 82.8104, 106.3459



78.4430, 79.2954, 98.3611



15.6514, 16.0670, 20.8189



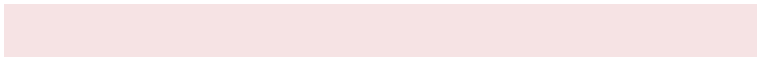
8.9856, 3.7649, 46.7911



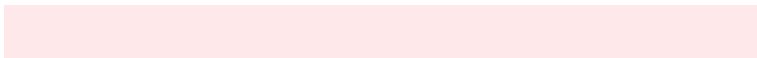
0.8140, 0.3794, 4.1206

Inverse Universe

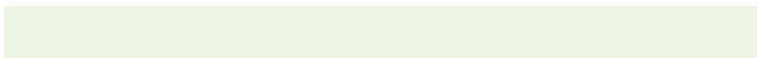
The Inverse Universe completely reimagines the original color for something new.



79.4805, 80.1341, 84.6810



84.8561, 84.8996, 89.2019



82.0038, 89.5957, 85.6461



16.5346, 16.4967, 17.2958



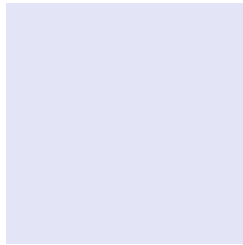
20.3400, 10.4794, 1.2330



1.7999, 0.9259, 0.1728

Previews

White Background



This preview shows how the XYZ color 76.0565, 78.4715, 98.3267 looks on a white background.

Color Contrast Check

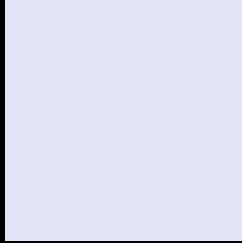
Large Text (above 18pt) WCAG AA × Fail

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 76.0565, 78.4715, 98.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

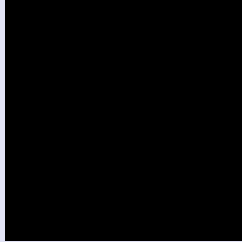
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

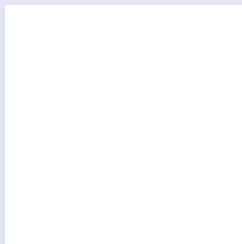
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0565, 78.4715, 98.3267

Background



This preview shows how black text looks on a background with the XYZ color 76.0565, 78.4715, 98.3267.

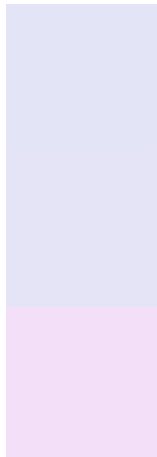


This preview shows how white text looks on a background with the XYZ color 76.0565, 78.4715,

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

76.0565, 78.4715, 98.3267

Protanopia

76.3729, 78.6346, 98.3415

Deuteranopia

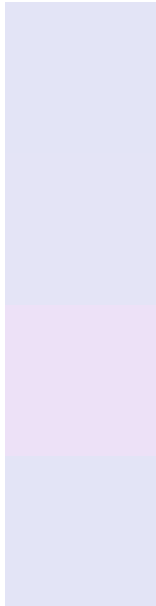
80.1383, 78.5454, 98.9327



Tritanopia

76.0565, 78.4715, 98.3267

Trichromacy



Original Color

76.0565, 78.4715, 98.3267

Protanomaly

76.3729, 78.6346, 98.3415

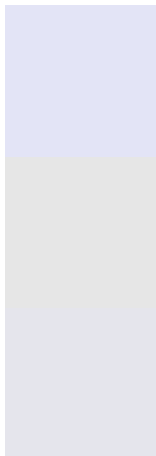
Deuteranomaly

78.6388, 78.5704, 99.0166

Tritanomaly

76.0565, 78.4715, 98.3267

Monochromacy



Original Color

76.0565, 78.4715, 98.3267

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4727, 78.7528, 90.5798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0565, 78.4715, 98.3267 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(227, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 246)  
}
```

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(227, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 246) }
```

Border

The CSS property to change the border of an element to XYZ 76.0565, 78.4715, 98.3267 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(227, 228, 246) }
```


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

```
.border{ border-color:rgb(227, 228, 246) }
```

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

Here you see how a box with a 4 pixel rgb(227, 228, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0565, 78.4715, 98.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 246) }
```

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

```
.background{ background-color: rgb(227,  
228, 246) }
```

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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