

Converting Colors

XYZ(78.9110, 82.7924,
106.4292)

Have a look what the booklet for
XYZ(78.9110, 82.7924, 106.4292)
contains.

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Color

**XYZ(78.8097, 82.6442,
106.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EBFF
RGB	225, 235, 255
RGB Percent	88%, 92%, 100%
CMY	0.1176, 0.0784, 0.0000
CMYK	0.12, 0.08, 0.00, 0.00
HSL	220°, 100%, 94%
HSV	220°, 12%, 100%
XYZ	78.8097, 82.6442, 106.4060
YIQ	234.2900, -12.3800, 4.1000

Conversions

Conversions Part 2

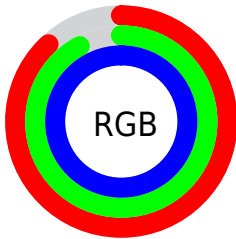
Format	Color
R _Y B	225, 233, 255
Decimal	14806015
CIE Lab	92.86, 0.51, -10.78
CIE LCh	93, 10.797, 272.733
Yxy	82.6442, 0.2942, 0.3085
Android (android.graphics.Color)	4292996095 (0xFFE1EBFF)
YUV	234.2900, 10.2100, -8.1473
Hunter-Lab	90.9089, -4.3473, -5.7609

Details

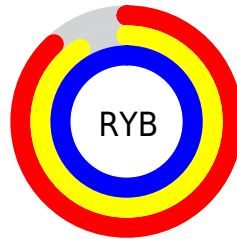
The XYZ color **78.8097, 82.6442, 106.4060** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4825, 91.9995, 84.3827**, and the grayscale version is **78.3601, 82.4409, 89.7781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8907, 44.8635, 59.8250** is the 20% darker color. If you saturate the color by 10%, you get **66.8102, 69.5780, 104.5164**, and if you desaturate by 10%, it is **92.4657, 97.2591, 108.5072**.

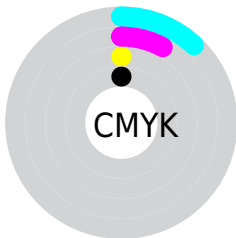
Distribution



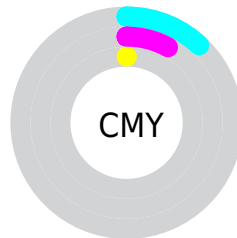
- Red (88%)
- Green (92%)
- Blue (100%)



- Red (88%)
- Yellow (91%)
- Blue (100%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8097, 82.6442, 106.4060 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 78.8097, 82.6442, 106.4060 by changing the saturation by 10% instead.

■ 78.8097, 82.6442,
106.4060

■ 78.8097, 82.6442,
106.4060

479.7102,
503.8000, 601.9626

■ 59.0444, 61.8967,
81.0145

130.6503,
137.0770, 172.0614

■ 42.8954, 44.9492,
60.0225

163.4563,
171.5311, 213.1624

■ 29.9972, 31.4174,
43.0114

201.3399,
211.3228, 260.3370

■ 19.9845, 20.9169,
29.5626

244.6666,
256.8366, 314.0037

■ 12.4920, 13.0633,
19.2576

293.8016,
308.4568, 374.5811

■ 7.1543, 7.4721,
11.6778

349.1103,

■ 3.6059, 3.7591,

366.5678, 442.4876

6.4048

410.9580,
431.5541, 518.1420

■ 1.4817, 1.5397,
3.0200

■ 0.3133, 0.3164,
1.1049

■ 78.8097, 82.6442,
106.4060

■ 78.8097, 82.6442,
106.4060

■ 66.8102, 69.5780,
104.5164

■ 92.4657, 97.2591,
108.5072

■ 56.3954, 57.9975,
102.8300

95.0500, 100.0000,
108.9000

■ 47.4973, 47.8498,
101.3403

■ 40.0406, 39.0749,
100.0396

■ 33.9431, 31.6083,
98.9198

■ 29.1134, 25.3793,
97.9720

■ 25.4479, 20.3095,
97.1866

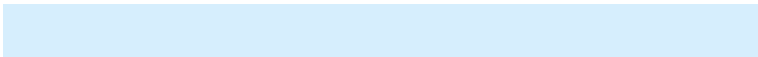
■ 22.8239, 16.3087,
96.5527

■ 21.3009, 13.7218,
96.1336

Harmonies

Analogous

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



76.0927, 82.6442, 104.5075



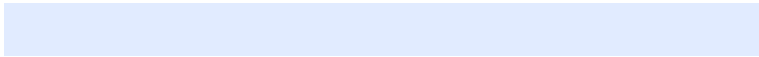
78.8097, 82.6442, 106.4060



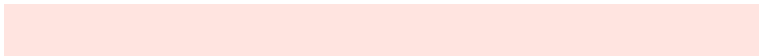
81.5196, 82.6442, 103.6914

Triad

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



78.8097, 82.6442, 106.4060



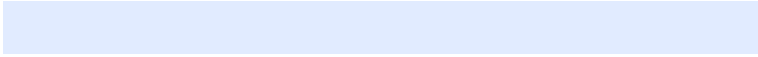
83.2011, 82.6442, 81.8466



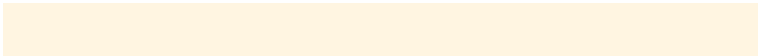
73.8287, 82.6442, 83.0566

Complementary

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



78.8097, 82.6442, 106.4060



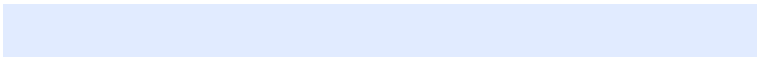
87.4825, 91.9995, 84.3827

Split Complementary

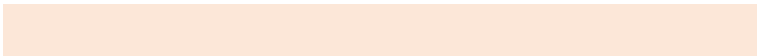
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6550, 82.6442, 77.5439



78.8097, 82.6442, 106.4060



81.0614, 82.6442, 76.8752

Square

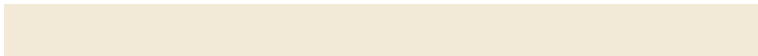
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8097, 82.6442, 106.4060



84.0927, 82.6442, 89.2470



78.2925, 82.6442, 75.3477



73.2580, 82.6442, 90.7281

Rectangle

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



78.8097, 82.6442, 106.4060



82.9457, 82.6442, 99.7205



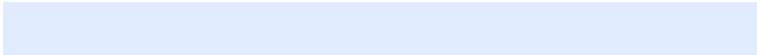
78.2925, 82.6442, 75.3477



74.3140, 82.6442, 80.9056

Sweetspot

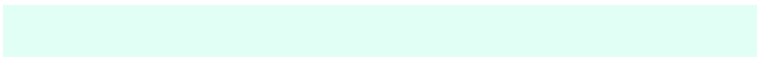
The Sweet Spot groups the original color and five complimentary colors.



78.8119, 82.6476, 106.4065



89.2657, 93.8551, 108.0188



83.2174, 94.0901, 99.7624



18.8802, 19.8476, 23.0858



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.



78.8119, 82.6476, 106.4065



75.9869, 79.5929, 105.9658



77.4494, 77.8124, 105.5450



17.4978, 18.3673, 22.8730



11.2521, 7.4138, 50.2725



1.1912, 0.9132, 4.9267

Inverse Universe

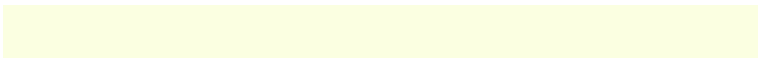
The Inverse Universe completely reimagines the original color for something new.



83.1620, 81.1102, 89.8739



81.1025, 77.8608, 86.5067



88.9548, 97.3729, 85.3423



18.2592, 18.0870, 19.9820



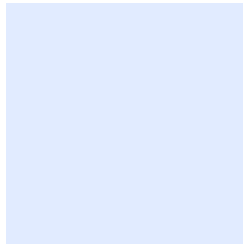
22.4677, 11.4764, 5.8476



2.2359, 1.1367, 0.8236

Previews

White Background



This preview shows how the XYZ color 78.8097, 82.6442, 106.4060 looks on a white background.

Color Contrast Check

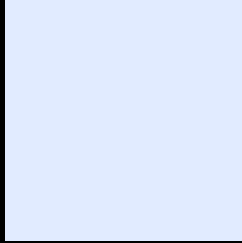
Large Text (above 18pt) WCAG AA × Fail

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 78.8097, 82.6442, 106.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

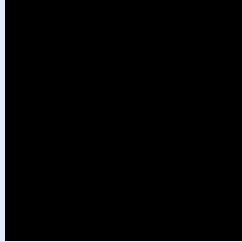
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

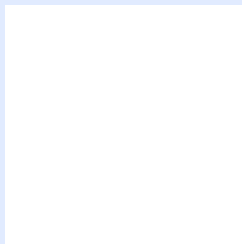
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8097, 82.6442, 106.4060

Background



This preview shows how black text looks on a background with the XYZ color 78.8097, 82.6442, 106.4060.



This preview shows how white text looks on a background with the XYZ color 78.8097, 82.6442,

106.4060.

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

78.8097, 82.6442, 106.4060

Protanopia

80.6326, 82.7572, 105.4899

Deuteranopia

83.7994, 82.2996, 106.0765



Tritanopia

78.6491, 82.5800, 105.5602

Trichromacy



Original Color

78.8097, 82.6442, 106.4060

Protanomaly

79.9453, 82.8244, 105.5391

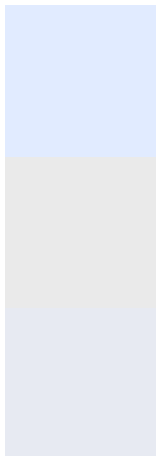
Deuteranomaly

81.8858, 82.5490, 106.2254

Tritanomaly

78.6491, 82.5800, 105.5602

Monochromacy



Original Color

78.8097, 82.6442, 106.4060

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4048, 82.2454, 95.7470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8097, 82.6442, 106.4060 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(225, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 235, 255)  
}
```

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(225, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.8097, 82.6442, 106.4060 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(225, 235, 255) }
```


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

```
.border{ border-color:rgb(225, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8097, 82.6442, 106.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 235, 255) }
```

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

```
.background{ background-color: rgb(225,  
235, 255) }
```

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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