

Converting Colors

XYZ(77.2547, 82.2811, 97.7104)

Have a look what the booklet for
XYZ(77.2547, 82.2811, 97.7104)
contains.

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Color

**XYZ(77.3759, 82.5301,
97.4397)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ECF4
RGB	225, 236, 244
RGB Percent	88%, 93%, 96%
CMY	0.1176, 0.0745, 0.0431
CMYK	0.08, 0.03, 0.00, 0.04
HSL	205°, 46%, 92%
HSV	205°, 8%, 96%
XYZ	77.3759, 82.5301, 97.4397
YIQ	233.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

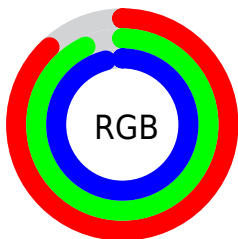
Format	Color
R _Y B	225, 232, 244
Decimal	14806260
CIE Lab	92.81, -2.14, -5.13
CIE LCh	93, 5.559, 247.410
Yxy	82.5301, 0.3007, 0.3207
Android (android.graphics.Color)	4292996340 (0xFFE1ECF4)
YUV	233.6230, 5.1159, -7.5624
Hunter-Lab	90.8461, -6.9477, -0.0010

Details

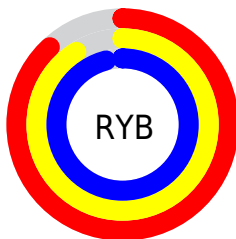
The XYZ color **77.3759, 82.5301, 97.4397** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0380, 82.9465, 83.0273**, and the grayscale version is **77.8913, 81.9477, 89.2410**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9759, 44.8194, 54.0156** is the 20% darker color. If you saturate the color by 10%, you get **67.4345, 73.1435, 96.1531**, and if you desaturate by 10%, it is **88.5791, 92.8241, 98.8374**.

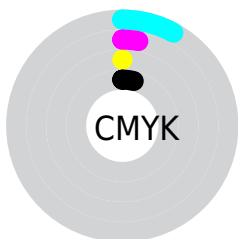
Distribution



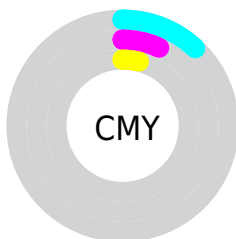
- Red (88%)
- Green (93%)
- Blue (96%)



- Red (88%)
- Yellow (91%)
- Blue (96%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3759, 82.5301, 97.4397 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 77.3759, 82.5301, 97.4397 by changing the saturation by 10% instead.

■ 77.3759, 82.5301,
97.4397

■ 77.3759, 82.5301,
97.4397

474.9170,
503.4191, 573.1289

■ 57.8624, 61.8026,
73.5591

128.6400,
136.9171, 159.6553

■ 41.9409, 44.8732,
53.9387

161.1213,
171.3454, 198.8275

■ 29.2459, 31.3576,
38.1598

198.6560,
211.1095, 243.9339

■ 19.4122, 20.8713,
25.8039

241.6094,
256.5936, 295.3931

■ 12.0742, 13.0299,
16.4526

290.3468,
308.1822, 353.6237

■ 6.8668, 7.4492,
9.6872

345.2337,

■ 3.4245, 3.7446,

366.2598, 419.0441

5.0892

406.6353,
431.2106, 492.0730

■ 1.3820, 1.5317,
2.2400

■ 0.2434, 0.3109,
0.6973

■ 77.3759, 82.5301,
97.4397

■ 77.3759, 82.5301,
97.4397

■ 67.4345, 73.1435,
96.1531

■ 88.5791, 92.8241,
98.8374

■ 58.6991, 64.6245,
94.9692

■ 93.3294, 99.3118,
99.8393

■ 51.1199, 56.9455,
93.8865

■ 44.6408, 50.0730,
92.9015

■ 39.2009, 43.9712,
92.0104

■ 34.7324, 38.6003,
91.2092

■ 31.1587, 33.9161,
90.4934

■ 28.3903, 29.8673,
89.8579

■ 26.3073, 26.3872,
89.2959

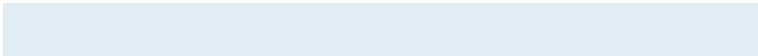
Harmonies

Analogous

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



76.2478, 82.5301, 94.8018



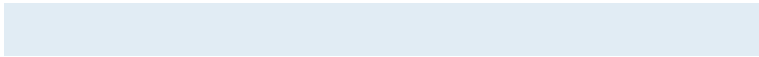
77.3759, 82.5301, 97.4397



78.8027, 82.5301, 98.0172

Triad

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



77.3759, 82.5301, 97.4397



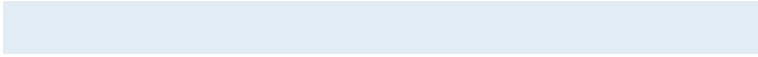
81.2408, 82.5301, 88.8350



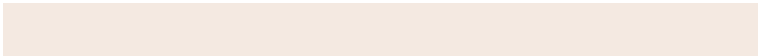
76.7601, 82.5301, 83.6648

Complementary

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



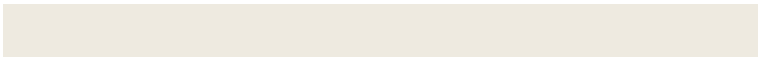
77.3759, 82.5301, 97.4397



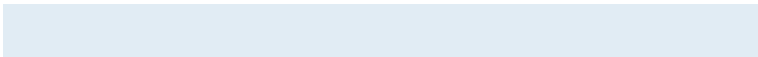
80.0380, 82.9465, 83.0273

Split Complementary

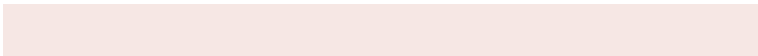
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0832, 82.5301, 82.1707



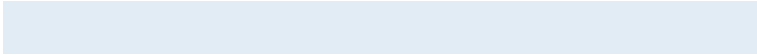
77.3759, 82.5301, 97.4397



80.6787, 82.5301, 85.0954

Square

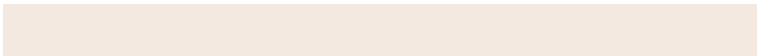
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



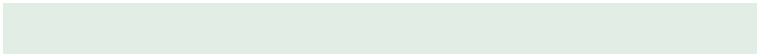
77.3759, 82.5301, 97.4397



81.0458, 82.5301, 92.9646



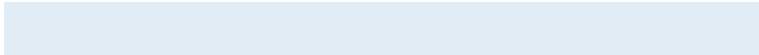
79.5186, 82.5301, 82.6863



75.8954, 82.5301, 86.8278

Rectangle

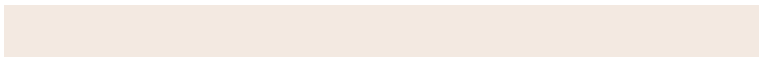
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3759, 82.5301, 97.4397



79.7334, 82.5301, 97.1403



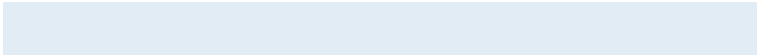
79.5186, 82.5301, 82.6863



77.1654, 82.5301, 82.9552

Sweetspot

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



77.3783, 82.5336, 97.4415



92.5176, 97.6837, 108.5864



78.0994, 86.5887, 89.6267



19.8291, 20.9327, 23.2453



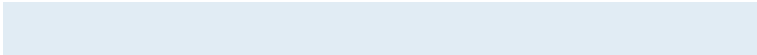
0.0000, 0.0000, 0.0000



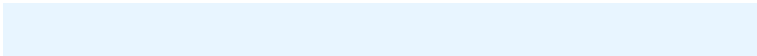
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3783, 82.5336, 97.4415



84.1007, 89.8956, 107.5268



74.7371, 77.2511, 96.5611



16.3783, 17.5210, 21.0612



14.2211, 14.2359, 48.5363



1.3514, 1.4543, 4.2997

Inverse Universe

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



79.3756, 79.1413, 90.4532



86.6443, 85.6148, 98.6182



82.7764, 88.4233, 83.9401



16.9015, 16.6435, 19.2281



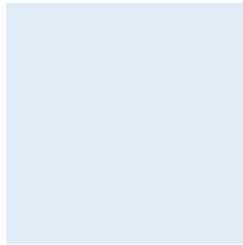
22.9827, 11.5365, 15.1489



2.0712, 1.0344, 1.6013

Previews

White Background



This preview shows how the XYZ color 77.3759, 82.5301, 97.4397 looks on a white background.

Color Contrast Check

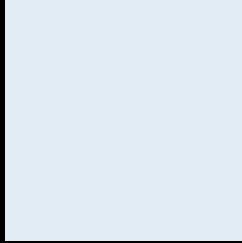
Large Text (above 18pt) WCAG AA × Fail

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 77.3759, 82.5301, 97.4397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

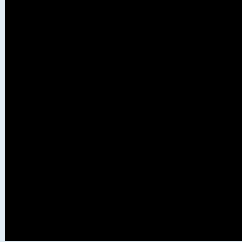
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

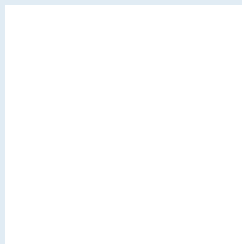
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3759, 82.5301, 97.4397

Background



This preview shows how black text looks on a background with the XYZ color 77.3759, 82.5301, 97.4397.



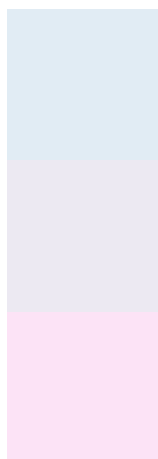
This preview shows how white text looks on a background with the XYZ color 77.3759, 82.5301,

97.4397.

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

77.3759, 82.5301, 97.4397

Protanopia

79.7580, 82.5215, 95.7289

Deuteranopia

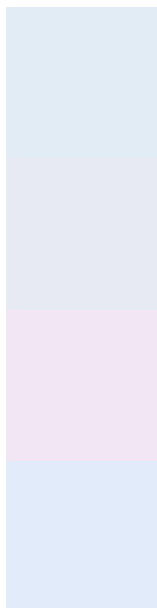
84.2485, 82.2874, 98.6315



Tritanopia

79.1165, 82.8394, 104.7482

Trichromacy



Original Color

77.3759, 82.5301, 97.4397

Protanomaly

78.8792, 82.4725, 96.5554

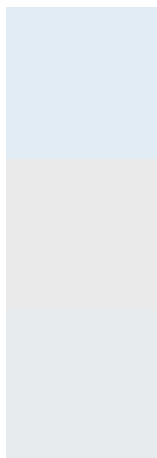
Deuteranomaly

81.3962, 82.0634, 97.9360

Tritanomaly

78.3277, 82.4875, 102.2359

Monochromacy



Original Color

77.3759, 82.5301, 97.4397

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.0959, 82.5786, 92.7121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3759, 82.5301, 97.4397 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, 236, 244) looks like.

```
.text, #text, p{  
    color:rgb(225, 236, 244)  
}
```

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, 236, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 236, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.3759, 82.5301, 97.4397 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, 236, 244) }
```


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

```
.border{ border-color:rgb(225, 236, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 236, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 236, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 236, 244);  
box-shadow:4px 4px 4px 4px rgb(225, 236,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3759, 82.5301, 97.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 236, 244) }
```

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

```
.background{ background-color: rgb(225,  
236, 244) }
```

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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