

Converting Colors

XYZ(76.9539, 83.2086, 97.2397)

Have a look what the booklet for
XYZ(76.9539, 83.2086, 97.2397)
contains.

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Color

**XYZ(77.0279, 83.2103,
97.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEEF4
RGB	222, 238, 244
RGB Percent	87%, 93%, 96%
CMY	0.1294, 0.0666, 0.0431
CMYK	0.09, 0.02, 0.00, 0.04
HSL	196°, 50%, 91%
HSV	196°, 9%, 96%
XYZ	77.0279, 83.2103, 97.5893
YIQ	233.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

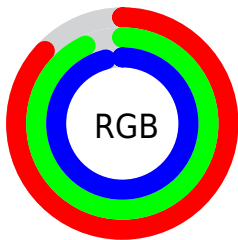
Format	Color
R _Y B	222, 231, 244
Decimal	14610164
CIE Lab	93.11, -4.12, -4.72
CIE LCh	93, 6.263, 228.855
Yxy	83.2103, 0.2988, 0.3227
Android (android.graphics.Color)	4292800244 (0xFFDEEEF4)
YUV	233.9000, 4.9793, -10.4363
Hunter-Lab	91.2197, -8.9051, 0.4237

Details

The XYZ color **77.0279, 83.2103, 97.5893** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2369, 79.9934, 80.4255**, and the grayscale version is **78.1028, 82.1703, 89.4834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7414, 45.3022, 54.1211** is the 20% darker color. If you saturate the color by 10%, you get **68.1885, 75.8340, 96.6327**, and if you desaturate by 10%, it is **87.0251, 91.2943, 98.6240**.

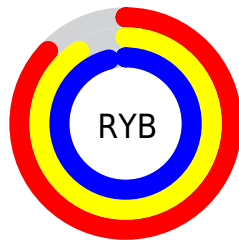
Distribution



Red (87%)

Green (93%)

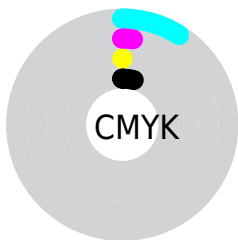
Blue (96%)



Red (87%)

Yellow (91%)

Blue (96%)

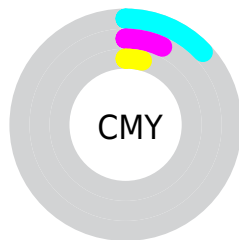


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0279, 83.2103, 97.5893 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 77.0279, 83.2103, 97.5893 by changing the saturation by 10% instead.

■ 77.0279, 83.2103,
97.5893

■ 77.0279, 83.2103,
97.5893

473.7496,
505.6871, 573.6163

■ 57.5758, 62.3637,
73.6832

128.1515,
137.8700, 159.8632

■ 41.7096, 45.3266,
54.0395

160.5537,
172.4518, 199.0681

■ 29.0641, 31.7148,
38.2399

198.0033,
212.3808, 244.2097

■ 19.2738, 21.1437,
25.8657

240.8656,
258.0413, 295.7064

■ 11.9735, 13.2291,
16.4983

289.5061,
309.8178, 353.9769

■ 6.7977, 7.5865,
9.7193

344.2900,

■ 3.3811, 3.8315,

368.0947, 419.4397

5.1101

405.5827,
433.2563, 492.5133

■ 1.3584, 1.5798,
2.2521

■ 0.2263, 0.3439,
0.7042

■ 77.0279, 83.2103,
97.5893

■ 77.0279, 83.2103,
97.5893

■ 68.1885, 75.8340,
96.6327

■ 87.0251, 91.2943,
98.6240

■ 60.4528, 69.1294,
95.7463

■ 92.1624, 96.9779,
99.4503

■ 53.7728, 63.0730,
94.9294

■ 93.3294, 99.3117,
99.8393

■ 48.0940, 57.6355,
94.1791

■ 43.3570, 52.7850,
93.4926

■ 39.4954, 48.4862,
92.8664

■ 36.4339, 44.6990,
92.2967

■ 34.0831, 41.3760,
91.7792

■ 32.3094, 38.4472,
91.3074

Harmonies

Analogous

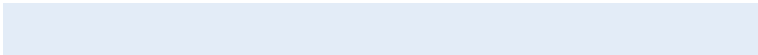
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1360, 83.2103, 93.5582



77.0279, 83.2103, 97.5893



78.4797, 83.2103, 99.7744

Triad

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



77.0279, 83.2103, 97.5893



82.2300, 83.2103, 92.3624



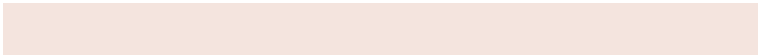
78.0720, 83.2103, 82.3045

Complementary

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



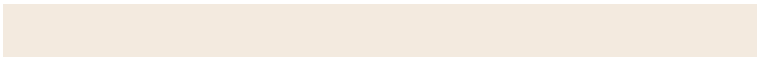
77.0279, 83.2103, 97.5893



78.2369, 79.9934, 80.4255

Split Complementary

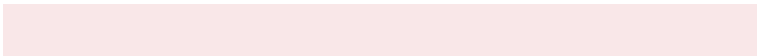
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7013, 83.2103, 82.0094



77.0279, 83.2103, 97.5893



82.1172, 83.2103, 87.7084

Square

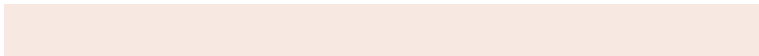
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0279, 83.2103, 97.5893



81.4925, 83.2103, 96.6878



81.1863, 83.2103, 83.9562



76.7330, 83.2103, 84.7768

Rectangle

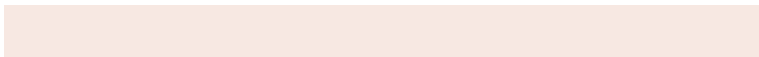
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



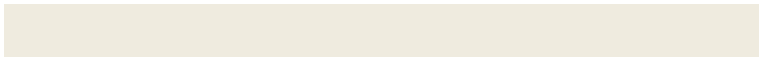
77.0279, 83.2103, 97.5893



79.5763, 83.2103, 99.8414



81.1863, 83.2103, 83.9562



78.6034, 83.2103, 81.9507

Sweetspot

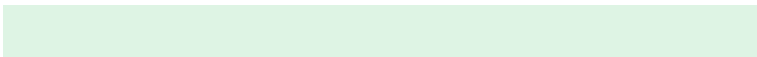
The Sweet Spot groups the original color and five complimentary colors.



77.0303, 83.2138, 97.5911



91.6297, 97.2547, 108.5504



76.4614, 85.8264, 85.8395



19.4212, 20.6620, 23.2145



0.0000, 0.0000, 0.0000



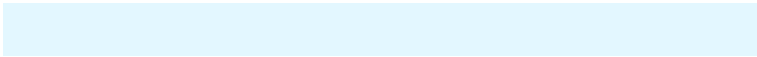
20.3446, 21.4041, 23.3091

Same Dimension

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



77.0303, 83.2138, 97.5911



83.0820, 90.2813, 107.6549



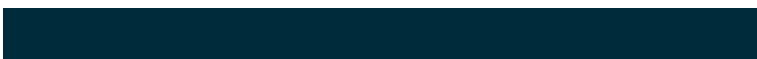
73.9604, 77.0740, 96.5678



16.5924, 17.9492, 21.1326



17.6003, 20.9945, 49.6627



1.6321, 2.0156, 4.3933

Inverse Universe

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



78.8640, 77.6505, 91.7244



85.5387, 82.9081, 99.7772



81.3219, 86.1634, 81.4539



17.0096, 16.6867, 19.7972



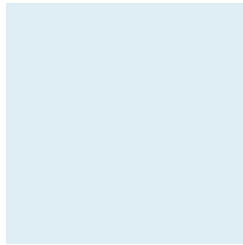
24.6883, 12.2188, 24.1310



2.2129, 1.0911, 2.3473

Previews

White Background



This preview shows how the XYZ color 77.0279, 83.2103, 97.5893 looks on a white background.

Color Contrast Check

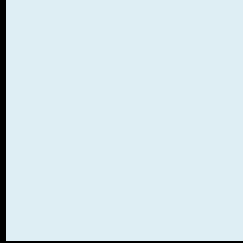
Large Text (above 18pt) WCAG AA × Fail

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 77.0279, 83.2103, 97.5893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

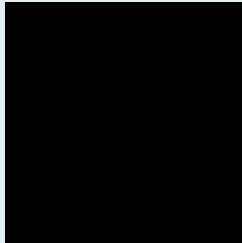
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

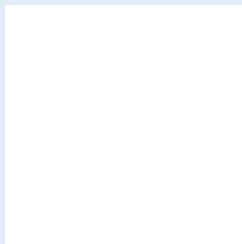
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0279, 83.2103, 97.5893

Background



This preview shows how black text looks on a background with the XYZ color 77.0279, 83.2103, 97.5893.



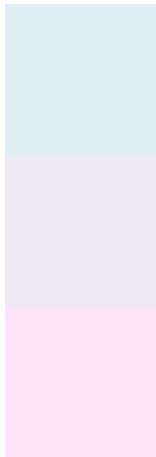
This preview shows how white text looks on a background with the XYZ color 77.0279, 83.2103,

97.5893.

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

77.0279, 83.2103, 97.5893

Protanopia

80.2251, 83.2010, 95.0502

Deuteranopia

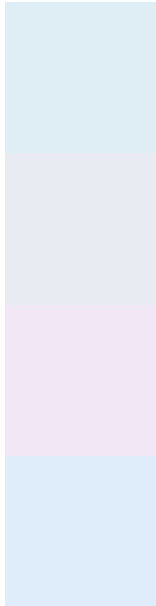
84.8860, 83.0233, 98.7399



Tritanopia

78.7859, 83.0582, 106.4871

Trichromacy



Original Color

77.0279, 83.2103, 97.5893

Protanomaly

79.0141, 82.9833, 95.8573

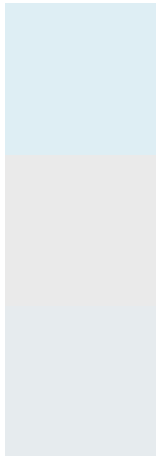
Deuteranomaly

81.9560, 83.1830, 98.1226

Tritanomaly

78.1282, 83.2214, 103.2123

Monochromacy



Original Color

77.0279, 83.2103, 97.5893

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.7741, 82.4127, 92.6970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0279, 83.2103, 97.5893 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(222, 238, 244)` looks like.

```
.text, #text, p{  
    color:rgb(222, 238, 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(222, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 238, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.0279, 83.2103, 97.5893 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(222, 238, 244) }
```


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

```
.border{ border-color:rgb(222, 238, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 238, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 238, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 238, 244); box-shadow:4px 4px 4px 4px rgb(222, 238, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0279, 83.2103, 97.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 238, 244) }
```

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

```
.background{ background-color: rgb(222,  
238, 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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