

Converting Colors

XYZ(77.3484, 87.6819,
101.5330)

Have a look what the booklet for
XYZ(77.3484, 87.6819, 101.5330)
contains.

XYZ(77.3746, 87.7610, 101.6684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.3746, 87.7610,
101.6684)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F8F8
RGB	211, 248, 248
RGB Percent	83%, 97%, 97%
CMY	0.1725, 0.0274, 0.0274
CMYK	0.15, 0.00, 0.00, 0.03
HSL	180°, 73%, 90%
HSV	180°, 15%, 97%
XYZ	77.3746, 87.7610, 101.6684
YIQ	236.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

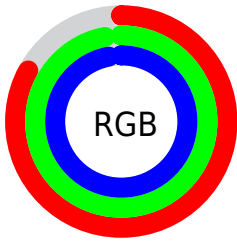
Format	Color
RYB	211, 230, 248
Decimal	13891832
CIELab	95.06, -11.84, -4.00
CIELCh	95, 12.501, 198.653
Yxy	87.7610, 0.2900, 0.3289
Android (android.graphics.Color)	4292081912 (0xFFD3F8F8)
YUV	236.9370, 5.4541, -22.7467
Hunter-Lab	93.6808, -16.5115, 1.2313

Details

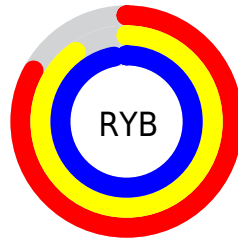
The XYZ color **77.3746, 87.7610, 101.6684** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7666, 71.2504, 71.4966**, and the grayscale version is **80.4214, 84.6095, 92.1398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0744, 48.5730, 57.0271** is the 20% darker color. If you saturate the color by 10%, you get **70.8109, 84.3797, 101.3611**, and if you desaturate by 10%, it is **85.0395, 91.7147, 102.0309**.

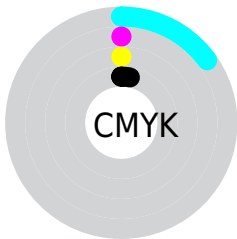
Distribution



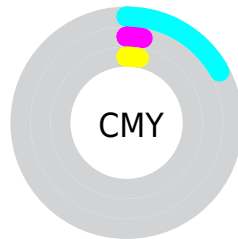
- Red (83%)
- Green (97%)
- Blue (97%)



- Red (83%)
- Yellow (90%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3746, 87.7610, 101.6684 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 77.3746, 87.7610, 101.6684 by changing the saturation by 10% instead.

77.3746, 87.7610,
101.6684

77.3746, 87.7610,
101.6684

474.9127,
520.7202, 586.8209

57.8614, 66.1252,
77.0700

128.6382,
144.2244, 165.5199

41.9400, 48.3740,
56.7984

161.1192,
179.8207, 205.6101

29.2452, 34.1232,
40.4351

198.6536,
220.8393, 251.7012

19.4116, 22.9882,
27.5616

241.6066,
267.6646, 304.2119

12.0739, 14.5848,
17.7593

290.3437,
320.6809, 363.5607

6.8666, 8.5285,
10.6097

345.2302,

3.4244, 4.4350,

380.2727, 430.1661

5.6942

406.6314,
446.8243, 504.4466

■ 1.3820, 1.9197,
2.5943

■ 0.2433, 0.5602,
0.8895

■ 77.3746, 87.7610,
101.6684

■ 77.3746, 87.7610,
101.6684

■ 70.8109, 84.3797,
101.3611

■ 85.0395, 91.7147,
102.0309

■ 65.2907, 81.5339,
101.1009


■ 91.7533, 95.1757,
102.3470


■ 60.7626, 79.1997,
100.8870


■ 91.7537, 95.1759,
102.3490

■ 57.1677, 77.3465,
100.7169


■ 91.7540, 95.1760,
102.3509


 54.4411, 75.9409,
100.5873


 91.7544, 95.1762,
102.3528


 52.5094, 74.9451,
100.4950


 91.7548, 95.1763,
102.3548


 51.2873, 74.3151,
100.4359

 91.7551, 95.1765,
102.3567

 50.6697, 73.9968,
100.4051

 91.7555, 95.1766,
102.3587

 50.5094, 73.9142,
100.3966

 91.7559, 95.1768,
102.3606

Harmonies

Analogous

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



77.1698, 87.7610, 91.9217



77.3746, 87.7610, 101.6684



79.1712, 87.7610, 110.3065

Triad

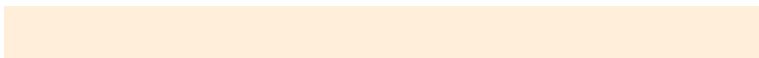
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3746, 87.7610, 101.6684



88.4168, 87.7610, 108.4612



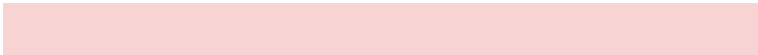
84.7065, 87.7610, 78.3570

Complementary

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



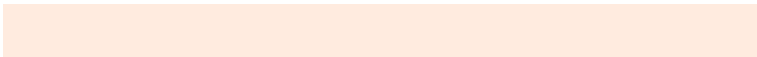
77.3746, 87.7610, 101.6684



73.7666, 71.2504, 71.4966

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.



87.8061, 87.7610, 82.1843



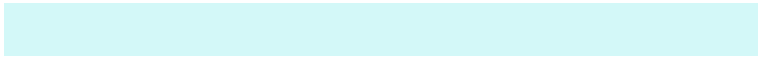
77.3746, 87.7610, 101.6684



89.9867, 87.7610, 99.2865

Square

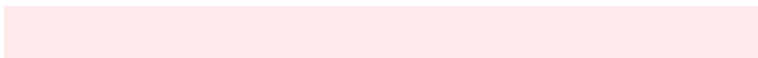
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3746, 87.7610, 101.6684



85.5217, 87.7610, 114.4083



89.7602, 87.7610, 89.6952



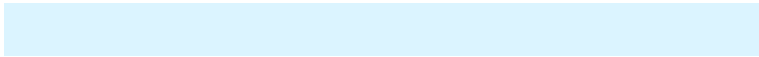
81.3416, 87.7610, 78.8989

Rectangle

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



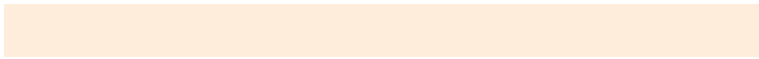
77.3746, 87.7610, 101.6684



81.0580, 87.7610, 114.0693



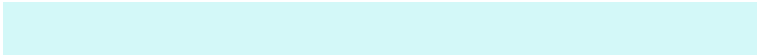
89.7602, 87.7610, 89.6952



85.8156, 87.7610, 79.1641

Sweetspot

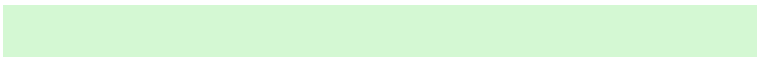
The Sweet Spot groups the original color and five complimentary colors.



77.3771, 87.7646, 101.6704



91.3963, 98.1165, 108.7282



72.3688, 85.7817, 74.3727



19.4202, 20.9276, 23.2656



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

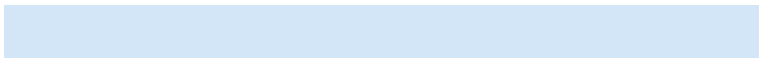
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3771, 87.7646, 101.6704



80.1321, 92.3096, 108.1982



72.1390, 77.2875, 99.9270



17.7658, 19.6086, 22.2334



27.2839, 39.9266, 54.2319



2.5270, 3.6979, 5.0229

Inverse Universe

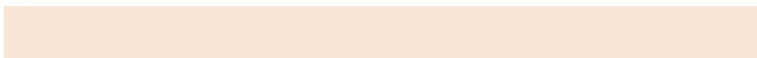
The Inverse Universe completely reimagines the original color for something new.



73.7666, 71.2504, 71.4966



75.5866, 71.5186, 70.2100



78.4594, 80.6368, 73.0586



17.2448, 17.2253, 17.8787



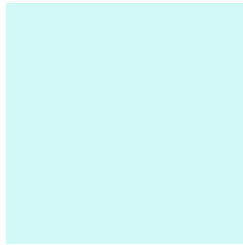
20.9120, 10.7805, 0.9792



1.9368, 0.9985, 0.0908

Previews

White Background



This preview shows how the XYZ color 77.3746, 87.7610, 101.6684 looks on a white background.

Color Contrast Check

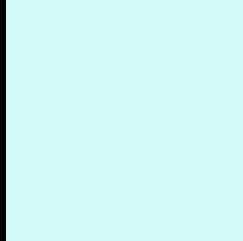
Large Text (above 18pt) WCAG AA × Fail

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 77.3746, 87.7610, 101.6684 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 77.3746, 87.7610, 101.6684

Background



This preview shows how black text looks on a background with the XYZ color 77.3746, 87.7610, 101.6684.



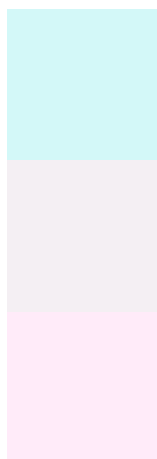
This preview shows how white text looks on a background with the XYZ color 77.3746, 87.7610,

101.6684.

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

77.3746, 87.7610, 101.6684

Protanopia

84.3524, 87.4372, 97.2252

Deuteranopia

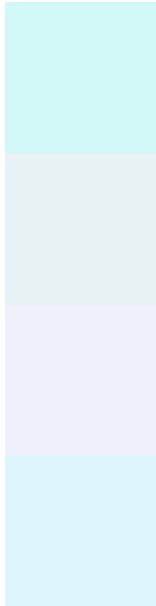
88.0472, 87.5162, 101.8743



Tritanopia

81.4646, 87.4899, 107.2013

Trichromacy



Original Color

77.3746, 87.7610, 101.6684

Protanomaly

81.5123, 87.2526, 98.9315

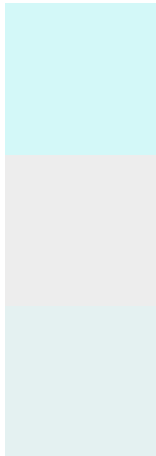
Deuteranomaly

83.8556, 87.5105, 102.0941

Tritanomaly

80.0419, 87.7052, 104.8056

Monochromacy



Original Color

77.3746, 87.7610, 101.6684

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.3274, 85.7554, 95.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3746, 87.7610, 101.6684 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(211, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 248)  
}
```

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(211, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 248) }
```

Border

The CSS property to change the border of an element to XYZ 77.3746, 87.7610, 101.6684 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(211, 248, 248) }
```


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

```
.border{ border-color:rgb(211, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3746, 87.7610, 101.6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 248) }
```

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

```
.background{ background-color: rgb(211,  
248, 248) }
```

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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