

Converting Colors

XYZ(77.4738, 87.4102, 99.1748)

Have a look what the booklet for
XYZ(77.4738, 87.4102, 99.1748)
contains.

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Color

**XYZ(77.4738, 87.4102,
99.1748)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F7F5
RGB	214, 247, 245
RGB Percent	84%, 97%, 96%
CMY	0.1608, 0.0314, 0.0392
CMYK	0.13, 0.00, 0.01, 0.03
HSL	176°, 67%, 90%
HSV	176°, 13%, 97%
XYZ	77.4738, 87.4102, 99.1748
YIQ	236.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

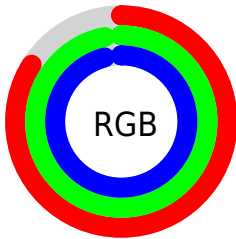
Format	Color
R _Y B	214, 231, 247
Decimal	14088181
CIE Lab	94.91, -11.01, -2.64
CIE LCh	95, 11.319, 193.500
Yxy	87.4102, 0.2934, 0.3310
Android (android.graphics.Color)	4292278261 (0xFFD6F7F5)
YUV	236.9050, 3.9908, -20.0877
Hunter-Lab	93.4934, -15.6986, 2.5525

Details

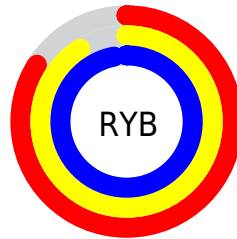
The XYZ color **77.4738, 87.4102, 99.1748** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8022, 72.8276, 75.0843**, and the grayscale version is **80.4060, 84.5934, 92.1222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1142, 48.3067, 55.2486** is the 20% darker color. If you saturate the color by 10%, you get **70.5772, 83.8836, 97.6637**, and if you desaturate by 10%, it is **85.4703, 91.5084, 100.7507**.

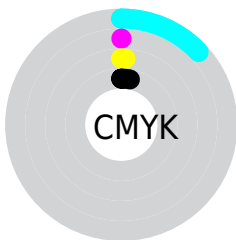
Distribution



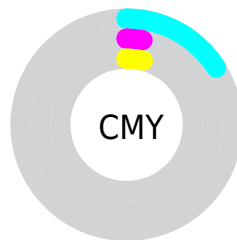
- Red (84%)
- Green (97%)
- Blue (96%)



- Red (84%)
- Yellow (91%)
- Blue (97%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4738, 87.4102, 99.1748 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 77.4738, 87.4102, 99.1748 by changing the saturation by 10% instead.

77.4738, 87.4102,
99.1748

77.4738, 87.4102,
99.1748

475.2451,
519.5698, 578.7678

57.9431, 65.8347,
74.9985

128.7774,
143.7358, 162.0647

42.0060, 48.1382,
55.1100

161.2810,
179.2546, 201.6154

29.2971, 33.9364,
39.0906

198.8396,
220.1901, 247.1279

19.4511, 22.8447,
26.5218

241.8185,
266.9265, 299.0209

12.1026, 14.4789,
16.9852

290.5832,
319.8483, 357.7128

6.8863, 8.4545,
10.0621

345.4990,

3.4368, 4.3871,

379.3398, 423.6223

5.3340

406.9312,
445.7856, 497.1678

■ 1.3887, 1.8924,
2.3824

■ 0.2482, 0.5438,
0.7768

■ 77.4738, 87.4102,
99.1748

■ 77.4738, 87.4102,
99.1748

■ 70.5772, 83.8836,
97.6637

■ 85.4703, 91.5084,
100.7507

■ 64.7241, 80.8923,
96.2093

■ 91.4457, 94.5620,
102.2399

■ 59.8640, 78.4127,
94.8109

■ 91.6793, 94.6554,
103.4702

■ 55.9396, 76.4153,
93.4660

■ 91.9148, 94.7496,
104.7102

■ 52.8875, 74.8674,
92.1715

■ 92.1521, 94.8446,
105.9602

■ 50.6367, 73.7324,
90.9241

■ 92.3914, 94.9403,
107.2200

■ 49.1049, 72.9678,
89.7199

■ 92.5523, 95.0046,
108.0674

■ 48.1918, 72.5219,
88.5541

■ 47.8294, 72.3515,
87.7968

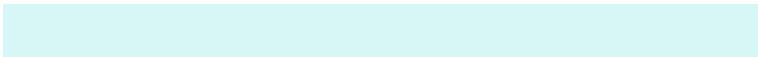
Harmonies

Analogous

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



77.5502, 87.4102, 90.4550



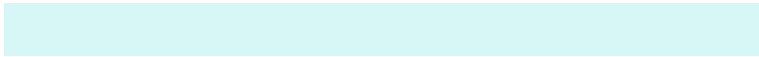
77.4738, 87.4102, 99.1748



78.8733, 87.4102, 107.2886

Triad

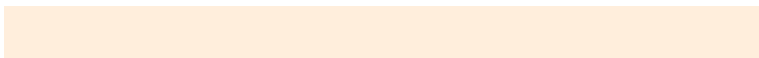
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4738, 87.4102, 99.1748



87.2094, 87.4102, 107.9679



84.7681, 87.4102, 79.8728

Complementary

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



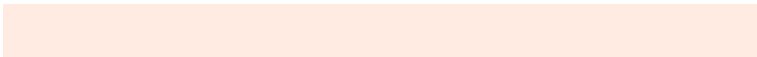
77.4738, 87.4102, 99.1748



74.8022, 72.8276, 75.0843

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.



87.4352, 87.4102, 84.0091



77.4738, 87.4102, 99.1748



88.8683, 87.4102, 100.0561

Square

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



77.4738, 87.4102, 99.1748



84.4659, 87.4102, 112.5722



88.9519, 87.4102, 91.2839



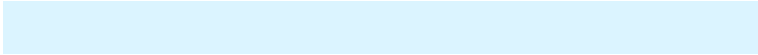
81.7108, 87.4102, 79.6691

Rectangle

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



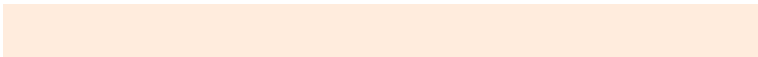
77.4738, 87.4102, 99.1748



80.4754, 87.4102, 111.1148



88.9519, 87.4102, 91.2839



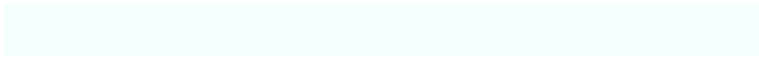
85.7418, 87.4102, 80.8373

Sweetspot

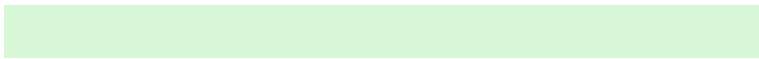
The Sweet Spot groups the original color and five complimentary colors.



77.4763, 87.4138, 99.1768



91.2969, 98.0767, 108.2048



73.7791, 86.0096, 76.3329



19.3949, 20.9175, 23.1326



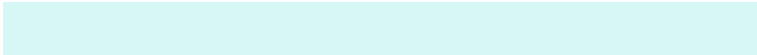
0.0000, 0.0000, 0.0000



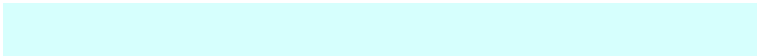
20.3446, 21.4041, 23.3091

Same Dimension

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



77.4763, 87.4138, 99.1768



81.2037, 92.9078, 106.1840



73.5767, 79.1226, 99.3941



16.9507, 18.7394, 21.0248



25.3137, 38.2703, 46.5332



2.2378, 3.3688, 4.1580

Inverse Universe

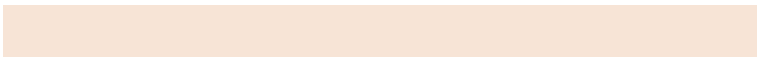
The Inverse Universe completely reimagines the original color for something new.



74.8022, 72.8276, 75.0843



77.8196, 74.4474, 75.6936



78.3245, 80.2843, 74.9883



16.5399, 16.4988, 17.3238



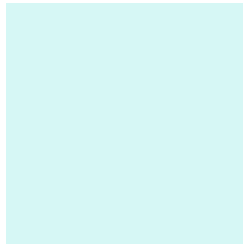
20.3483, 10.4828, 1.2767



1.8025, 0.9269, 0.1862

Previews

White Background



This preview shows how the XYZ color 77.4738, 87.4102, 99.1748 looks on a white background.

Color Contrast Check

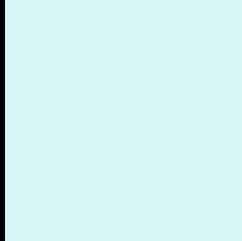
Large Text (above 18pt) WCAG AA × Fail

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 77.4738, 87.4102, 99.1748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

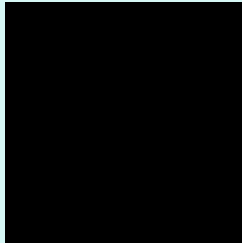
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

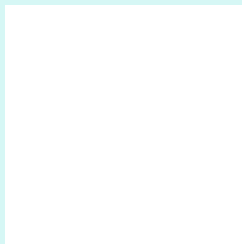
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4738, 87.4102, 99.1748

Background



This preview shows how black text looks on a background with the XYZ color 77.4738, 87.4102, 99.1748.



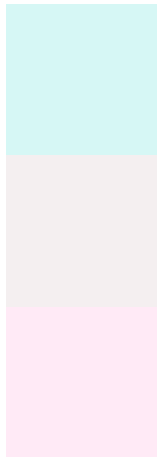
This preview shows how white text looks on a background with the XYZ color 77.4738, 87.4102,

99.1748.

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

77.4738, 87.4102, 99.1748

Protanopia

83.9029, 87.2574, 94.8583

Deuteranopia

87.2974, 86.7595, 99.3340



Tritanopia

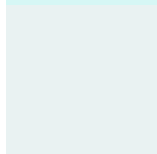
81.4646, 87.4899, 107.2013

Trichromacy



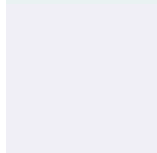
Original Color

77.4738, 87.4102, 99.1748



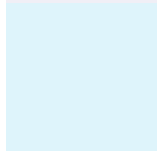
Protanomaly

81.3834, 87.2387, 96.5538



Deuteranomaly

83.4362, 86.9121, 99.5669



Tritanomaly

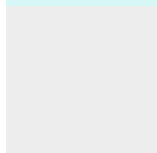
79.8875, 87.1960, 103.8868

Monochromacy



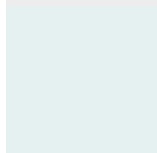
Original Color

77.4738, 87.4102, 99.1748



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

79.4966, 85.8599, 94.8208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4738, 87.4102, 99.1748 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(214, 247, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 247, 245)  
}
```

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(214, 247, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 247, 245) }
```

Border

The CSS property to change the border of an element to XYZ 77.4738, 87.4102, 99.1748 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(214, 247, 245) }
```


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

```
.border{ border-color:rgb(214, 247, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 247, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 247, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 247, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 247,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4738, 87.4102, 99.1748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 247, 245) }
```

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

```
.background{ background-color: rgb(214,  
247, 245) }
```

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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