

Converting Colors

XYZ(76.5027, 88.5197, 96.9763)

Have a look what the booklet for
XYZ(76.5027, 88.5197, 96.9763)
contains.

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Color

**XYZ(76.5071, 88.3373,
97.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FAF2
RGB	209, 250, 242
RGB Percent	82%, 98%, 95%
CMY	0.1804, 0.0196, 0.0510
CMYK	0.16, 0.00, 0.03, 0.02
HSL	168°, 80%, 90%
HSV	168°, 16%, 98%
XYZ	76.5071, 88.3373, 97.0229
YIQ	236.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

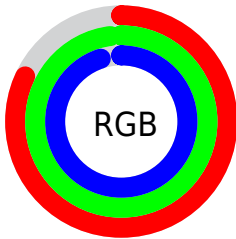
Format	Color
R _Y B	209, 232, 250
Decimal	13761266
CIE Lab	95.30, -14.64, -0.56
CIE LCh	95, 14.652, 182.175
Yxy	88.3373, 0.2922, 0.3373
Android (android.graphics.Color)	4291951346 (0xFFD1FAF2)
YUV	236.8290, 2.5493, -24.4060
Hunter-Lab	93.9879, -19.1781, 4.5870

Details

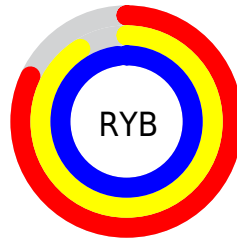
The XYZ color **76.5071, 88.3373, 97.0229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7523, 70.9370, 75.4017**, and the grayscale version is **80.3598, 84.5448, 92.0693**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2593, 48.5551, 53.6519** is the 20% darker color. If you saturate the color by 10%, you get **69.2587, 84.6865, 92.9101**, and if you desaturate by 10%, it is **84.8900, 92.5754, 101.2946**.

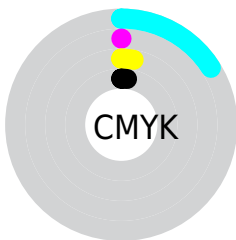
Distribution



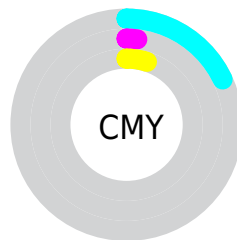
- Red (82%)
- Green (98%)
- Blue (95%)



- Red (82%)
- Yellow (91%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5071, 88.3373, 97.0229 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 76.5071, 88.3373, 97.0229 by changing the saturation by 10% instead.


 76.5071, 88.3373,
97.0229

 76.5071, 88.3373,
97.0229


471.9996,
522.6072, 571.7699

 57.1469, 66.6024,
73.2136


127.4200,
145.0267, 159.0759

 41.3638, 48.7616,
53.6578


159.7035,
180.7500, 198.1567

 28.7924, 34.4304,
37.9368


197.0254,
221.9049, 243.1651

 19.0673, 23.2245,
25.6322

239.7511,
268.8757, 294.5197

 11.8232, 14.7593,
16.3254

288.2461,
322.0470, 352.6389

 6.6948, 8.6507,
9.5979

342.8756,

 3.3166, 4.5140,

381.8031, 417.9413

5.0311

404.0049,
448.5284, 490.8455

■ 1.3233, 1.9651,
2.2064

■ 0.2006, 0.5871,
0.6781

■ 76.5071, 88.3373,
97.0229

■ 76.5071, 88.3373,
97.0229

■ 69.2587, 84.6865,
92.9101

■ 84.8900, 92.5754,
101.2946

■ 63.0854, 81.5854,
88.9470

■ 92.9601, 96.6476,
105.6527

■ 57.9340, 79.0089,
85.1323

■ 93.4772, 96.8544,
108.3757

■ 53.7435, 76.9255,
81.4623

■ 50.4463, 75.3004,
77.9330

■ 47.9659, 74.0942,
74.5401

■ 46.2127, 73.2608,
71.2784

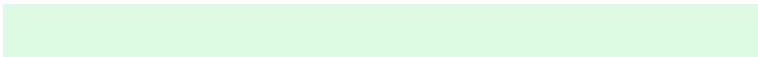
■ 45.0750, 72.7425,
68.1420

■ 44.7542, 72.6012,
67.0407

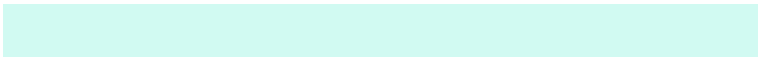
Harmonies

Analogous

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



77.3409, 88.3373, 86.2630



76.5071, 88.3373, 97.0229



77.6176, 88.3373, 108.3995

Triad

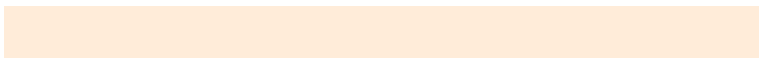
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5071, 88.3373, 97.0229



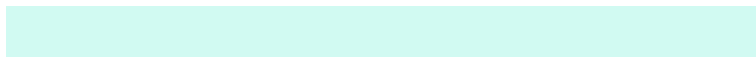
88.1253, 88.3373, 116.0630



87.6041, 88.3373, 77.9865

Complementary

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



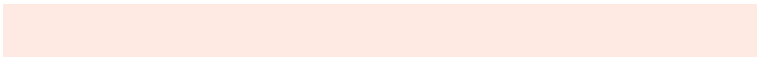
76.5071, 88.3373, 97.0229



74.7523, 70.9370, 75.4017

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.



90.6429, 88.3373, 84.9231



76.5071, 88.3373, 97.0229



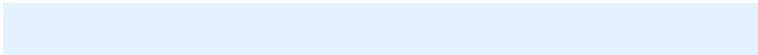
90.9505, 88.3373, 106.8386

Square

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



76.5071, 88.3373, 97.0229



84.2543, 88.3373, 119.9218



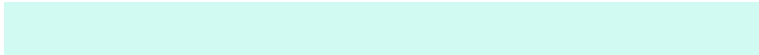
91.8860, 88.3373, 95.3506



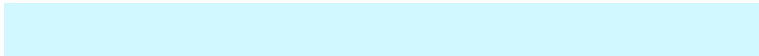
83.6703, 88.3373, 75.8061

Rectangle

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



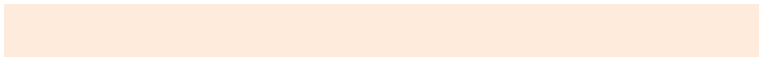
76.5071, 88.3373, 97.0229



79.3323, 88.3373, 114.6570



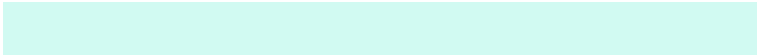
91.8860, 88.3373, 95.3506



88.7683, 88.3373, 79.8106

Sweetspot

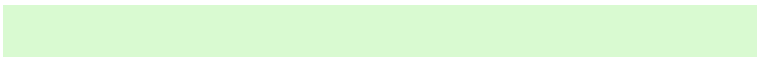
The Sweet Spot groups the original color and five complimentary colors.



76.5096, 88.3410, 97.0249



90.1157, 97.5023, 106.5911



74.3717, 87.7608, 73.3427



19.1454, 20.7971, 22.7461



0.0000, 0.0000, 0.0000



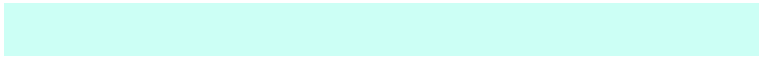
20.3446, 21.4041, 23.3091

Same Dimension

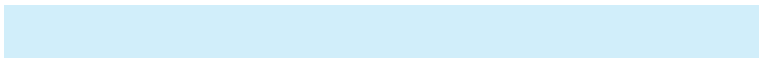
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5096, 88.3410, 97.0249



77.1502, 90.9527, 99.9119



74.0398, 81.4351, 102.2630



17.6120, 19.5471, 21.4235



23.7898, 38.5289, 35.8320



2.2392, 3.5828, 3.5075

Inverse Universe

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



74.7523, 70.9370, 75.4017



74.9647, 69.2985, 73.0128



76.8716, 76.8016, 71.0956



17.3831, 17.2806, 18.6070



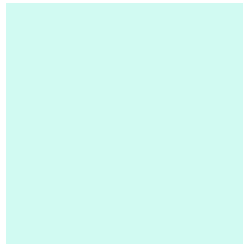
21.2432, 10.9130, 2.7233



2.0028, 1.0249, 0.4383

Previews

White Background



This preview shows how the XYZ color 76.5071, 88.3373, 97.0229 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 76.5071, 88.3373, 97.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

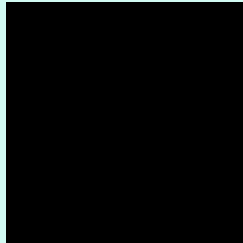
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

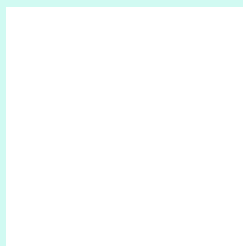
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5071, 88.3373, 97.0229

Background



This preview shows how black text looks on a background with the XYZ color 76.5071, 88.3373, 97.0229.



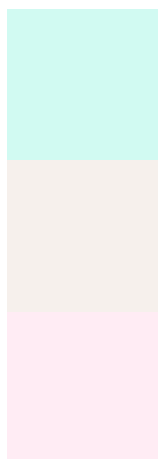
This preview shows how white text looks on a background with the XYZ color 76.5071, 88.3373,

97.0229.

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

76.5071, 88.3373, 97.0229

Protanopia

84.3064, 87.9691, 91.8932

Deuteranopia

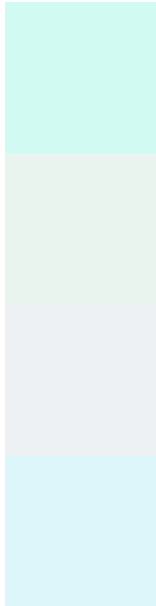
87.5646, 87.7826, 97.9165



Tritanopia

82.0792, 88.2523, 107.3161

Trichromacy



Original Color

76.5071, 88.3373, 97.0229

Protanomaly

81.3876, 88.1981, 93.6233

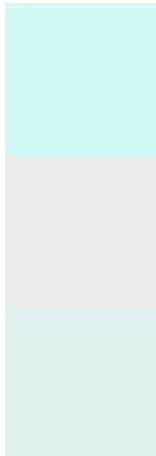
Deuteranomaly

82.8929, 87.5588, 97.3256

Tritanomaly

79.7263, 88.0293, 103.2318

Monochromacy



Original Color

76.5071, 88.3373, 97.0229

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.0107, 86.0671, 94.1097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5071, 88.3373, 97.0229 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(209, 250, 242)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 242)  
}
```

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(209, 250, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.5071, 88.3373, 97.0229 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(209, 250, 242) }
```


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

```
.border{ border-color:rgb(209, 250, 242) }
```

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

Here you see how a box with a 4 pixel rgb(209, 250, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 242);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5071, 88.3373, 97.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 242) }
```

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

```
.background{ background-color: rgb(209,  
250, 242) }
```

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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