

Converting Colors

XYZ(70.2901, 81.0443, 97.5264)

Have a look what the booklet for
XYZ(70.2901, 81.0443, 97.5264)
contains.

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Color

**XYZ(70.2901, 81.0443,
97.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F1F4
RGB	195, 241, 244
RGB Percent	76%, 95%, 96%
CMY	0.2353, 0.0549, 0.0431
CMYK	0.20, 0.01, 0.00, 0.04
HSL	184°, 69%, 86%
HSV	184°, 20%, 96%
XYZ	70.2901, 81.0443, 97.5264
YIQ	227.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

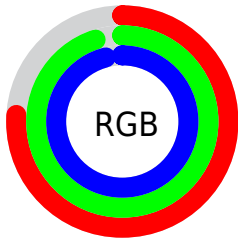
Format	Color
R _Y B	195, 219, 244
Decimal	12841460
CIE Lab	92.15, -14.01, -6.32
CIE LCh	92, 15.374, 204.281
Yxy	81.0443, 0.2824, 0.3257
Android (android.graphics.Color)	4291031540 (0xFFC3F1F4)
YUV	227.5880, 8.0911, -28.5797
Hunter-Lab	90.0246, -18.1725, -1.2134

Details

The XYZ color **70.2901, 81.0443, 97.5264** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3534, 63.5616, 60.3501**, and the grayscale version is **73.4014, 77.2240, 84.0970**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **37.2413, 43.9042, 54.0885** is the 20% darker color. If you saturate the color by 10%, you get **64.0542, 77.1785, 97.1102**, and if you desaturate by 10%, it is **77.5645, 85.4550, 97.9957**.

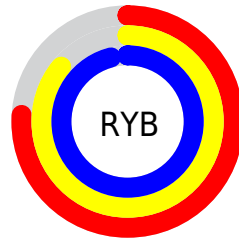
Distribution



Red (76%)

Green (95%)

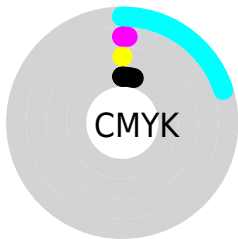
Blue (96%)



Red (76%)

Yellow (86%)

Blue (96%)

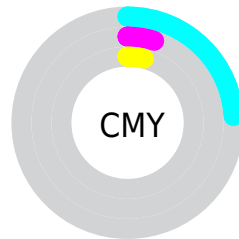


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2901, 81.0443, 97.5264 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 70.2901, 81.0443, 97.5264 by changing the saturation by 10% instead.

70.2901, 81.0443,
97.5264

70.2901, 81.0443,
97.5264

450.8185,
498.4453, 573.4114

52.0435, 60.5781,
73.6310

118.6464,
134.8330, 159.7758

37.2642, 43.8848,
53.9971

149.4868,
168.9242, 198.9669

25.5867, 30.5799,
38.2062

185.2559,
208.3259, 244.0937

16.6458, 20.2792,
25.8397

226.3189,
253.4225, 295.5747

10.0760, 12.5981,
16.4791

273.0414,
304.5983, 353.8284

5.5120, 7.1524,
9.7058

325.7886,

2.5885, 3.5576,

362.2378, 419.2734

5.1013

384.9258,
426.7253, 492.3282

■ 0.9401, 1.4293,
2.2470

■ 0.0000, 0.2382,
0.7013

■ 70.2901, 81.0443,
97.5264

■ 70.2901, 81.0443,
97.5264

■ 64.0542, 77.1785,
97.1102

■ 77.5645, 85.4550,
97.9957

■ 58.7998, 73.8220,
96.7393


■ 85.9168, 90.4247,
98.5147


■ 54.4750, 70.9501,
96.4129


■ 90.3678, 93.3885,
98.8522


■ 51.0205, 68.5321,
96.1282


■ 90.8223, 94.2976,
99.0037


 48.3700, 66.5339,
95.8822


 91.2805, 95.2139,
99.1564


 46.4477, 64.9165,
95.6714


 91.7423, 96.1375,
99.3103

 45.1632, 63.6331,
95.4914

 92.2078, 97.0685,
99.4655

 44.3702, 62.6134,
95.3363

 92.6770, 98.0069,
99.6219

 93.1498, 98.9526,
99.7795

Harmonies

Analogous

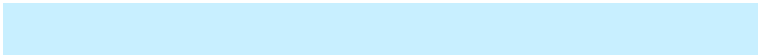
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.6932, 81.0443, 86.0865



70.2901, 81.0443, 97.5264



72.6661, 81.0443, 107.1764

Triad

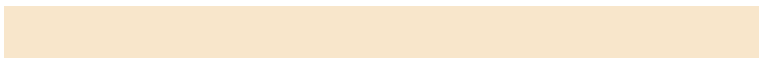
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2901, 81.0443, 97.5264



83.3848, 81.0443, 101.6087



77.7921, 81.0443, 68.2590

Complementary

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



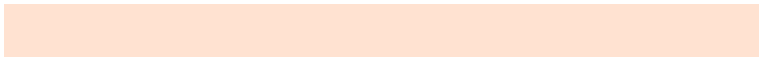
70.2901, 81.0443, 97.5264



67.3534, 63.5616, 60.3501

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.



81.5656, 81.0443, 71.6828



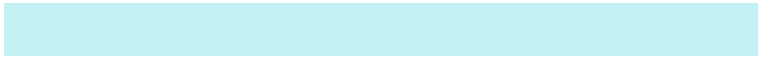
70.2901, 81.0443, 97.5264



84.8648, 81.0443, 90.4362

Square

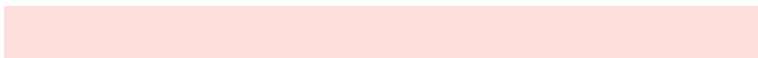
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2901, 81.0443, 97.5264



80.2068, 81.0443, 109.6712



84.1879, 81.0443, 79.5691



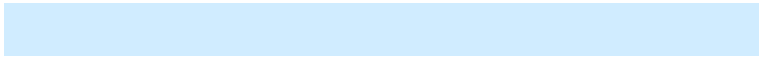
73.9386, 81.0443, 69.8060

Rectangle

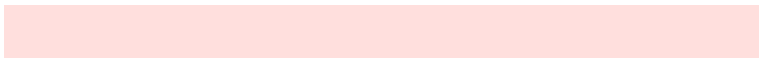
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2901, 81.0443, 97.5264



74.9839, 81.0443, 110.9647



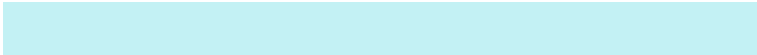
84.1879, 81.0443, 79.5691



79.1133, 81.0443, 68.8570

Sweetspot

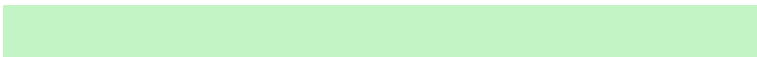
The Sweet Spot groups the original color and five complimentary colors.



70.2925, 81.0476, 97.5282



89.3456, 96.6172, 108.5477



64.9876, 80.3568, 65.1809



18.9964, 20.6042, 23.2257



0.0000, 0.0000, 0.0000



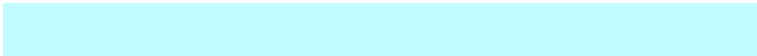
20.3446, 21.4041, 23.3091

Same Dimension

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



70.2925, 81.0476, 97.5282



74.8243, 87.8178, 107.6146



63.6621, 67.7869, 95.3181



16.9048, 18.5739, 21.2367



24.1631, 34.1199, 51.8503



2.1495, 3.0505, 4.5657

Inverse Universe

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



72.7024, 64.6160, 91.8631



77.9404, 66.7358, 100.2526



73.2680, 75.3908, 62.3216



17.1673, 16.7498, 20.6275



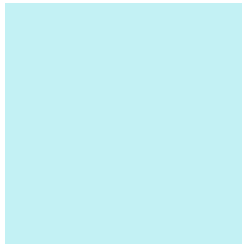
28.0009, 13.5438, 41.5747



2.4741, 1.1956, 3.7227

Previews

White Background



This preview shows how the XYZ color 70.2901, 81.0443, 97.5264 looks on a white background.

Color Contrast Check

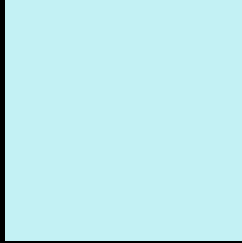
Large Text (above 18pt) WCAG AA × Fail

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 70.2901, 81.0443, 97.5264 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

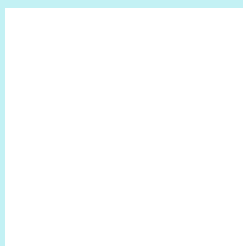
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2901, 81.0443, 97.5264

Background



This preview shows how black text looks on a background with the XYZ color 70.2901, 81.0443, 97.5264.



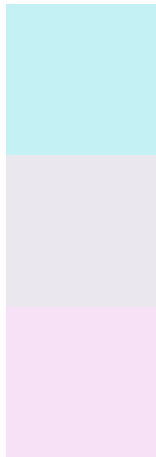
This preview shows how white text looks on a background with the XYZ color 70.2901, 81.0443,

97.5264.

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

70.2901, 81.0443, 97.5264

Protanopia

77.9402, 80.8173, 92.3803

Deuteranopia

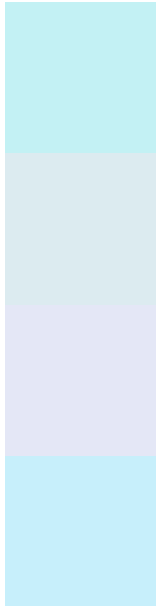
82.0715, 80.3400, 99.1772



Tritanopia

72.9817, 80.9256, 106.3814

Trichromacy



Original Color

70.2901, 81.0443, 97.5264

Protanomaly

74.9517, 80.9236, 94.1075

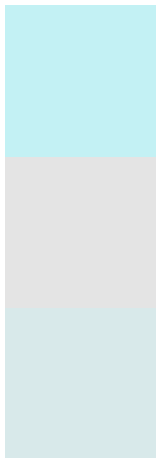
Deuteranomaly

77.2054, 80.2996, 98.6190

Tritanomaly

71.8323, 80.8402, 103.0845

Monochromacy



Original Color

70.2901, 81.0443, 97.5264

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.3091, 78.8173, 89.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2901, 81.0443, 97.5264 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(195, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(195, 241, 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(195, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 70.2901, 81.0443, 97.5264 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(195, 241, 244) }
```


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

```
.border{ border-color:rgb(195, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(195, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2901, 81.0443, 97.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 241, 244) }
```

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

```
.background{ background-color: rgb(195,  
241, 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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