

Converting Colors

XYZ(74.7241, 83.3207, 97.8552)

Have a look what the booklet for
XYZ(74.7241, 83.3207, 97.8552)
contains.

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Color

**XYZ(74.6484, 83.2911,
97.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F1F4
RGB	211, 241, 244
RGB Percent	83%, 95%, 96%
CMY	0.1725, 0.0549, 0.0431
CMYK	0.14, 0.01, 0.00, 0.04
HSL	185°, 60%, 89%
HSV	185°, 14%, 96%
XYZ	74.6484, 83.2911, 97.7304
YIQ	232.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

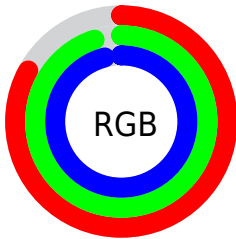
Format	Color
R _Y B	211, 227, 244
Decimal	13890036
CIE Lab	93.14, -9.12, -4.75
CIE LCh	93, 10.286, 207.496
Yxy	83.2911, 0.2920, 0.3258
Android (android.graphics.Color)	4292080116 (0xFFD3F1F4)
YUV	232.3720, 5.7326, -18.7432
Hunter-Lab	91.2640, -13.7097, 0.3938

Details

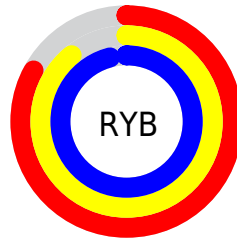
The XYZ color **74.6484, 83.2911, 97.7304** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.1133, 72.0293, 71.6791**, and the grayscale version is **76.9508, 80.9583, 88.1636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1364, 45.3967, 54.2240** is the 20% darker color. If you saturate the color by 10%, you get **67.5305, 78.6561, 97.2122**, and if you desaturate by 10%, it is **82.8401, 88.4959, 98.3046**.

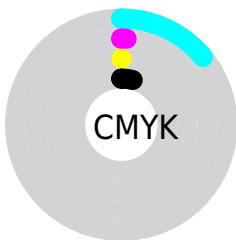
Distribution



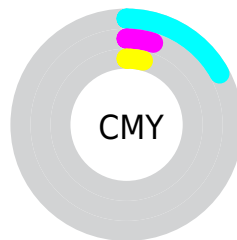
- Red (83%)
- Green (95%)
- Blue (96%)



- Red (83%)
- Yellow (89%)
- Blue (96%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6484, 83.2911, 97.7304 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 74.6484, 83.2911, 97.7304 by changing the saturation by 10% instead.

74.6484, 83.2911,
97.7304

74.6484, 83.2911,
97.7304

465.7240,
505.9562, 574.0757

55.6181, 62.4303,
73.8002

124.8051,
137.9831, 160.0593

40.1326, 45.3805,
54.1347

156.6622,
172.5831, 199.2950

27.8266, 31.7572,
38.3155

193.5255,
212.5316, 244.4697

18.3348, 21.1761,
25.9239

235.7605,
258.2131, 296.0018

11.2917, 13.2528,
16.5415

283.7325,
310.0119, 354.3099

6.3322, 7.6029,
9.7496

337.8069,

3.0907, 3.8419,

368.3124, 419.8126

5.1298

398.3489,
433.4990, 492.9284

■ 1.2019, 1.5855,
2.2636

■ 0.1079, 0.3478,
0.7107

■ 74.6484, 83.2911,
97.7304

■ 74.6484, 83.2911,
97.7304

■ 67.5305, 78.6561,
97.2122

■ 82.8401, 88.4959,
98.3046

■ 61.4316, 74.5560,
96.7423

■ 90.3540, 93.3611,
98.8476

■ 56.3026, 70.9677,
96.3200

■ 91.0300, 94.7130,
99.0730

■ 52.0878, 67.8624,
95.9427

■ 91.7140, 96.0810,
99.3010

■ 48.7256, 65.2082,
95.6077

■ 92.4062, 97.4653,
99.5317

■ 46.1469, 62.9696,
95.3115

■ 93.1064, 98.8657,
99.7651

■ 44.2714, 61.1052,
95.0505

■ 93.3294, 99.3118,
99.8394

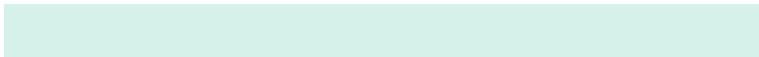
■ 43.0019, 59.5647,
94.8200

■ 42.4093, 58.6915,
94.6827

Harmonies

Analogous

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



74.0906, 83.2911, 90.0417



74.6484, 83.2911, 97.7304



76.4081, 83.2911, 103.8185

Triad

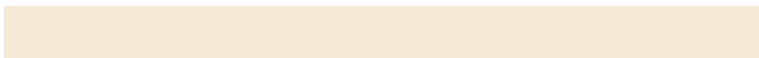
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6484, 83.2911, 97.7304



83.6261, 83.2911, 98.9180



79.3928, 83.2911, 76.6294

Complementary

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



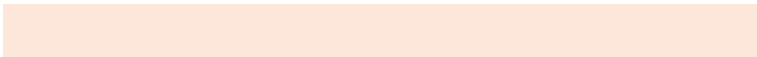
74.6484, 83.2911, 97.7304



73.1133, 72.0293, 71.6791

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.



81.9889, 83.2911, 78.7174



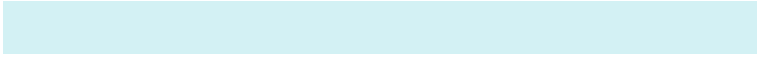
74.6484, 83.2911, 97.7304



84.4675, 83.2911, 91.3411

Square

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



74.6484, 83.2911, 97.7304



81.5873, 83.2911, 104.5311



83.8616, 83.2911, 83.9958



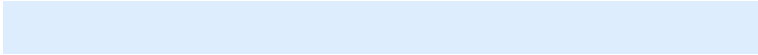
76.7925, 83.2911, 78.1277

Rectangle

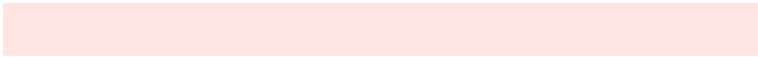
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



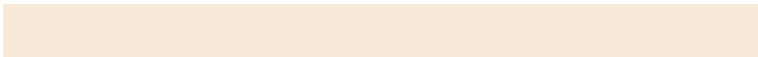
74.6484, 83.2911, 97.7304



78.0468, 83.2911, 105.9968



83.8616, 83.2911, 83.9958



80.2953, 83.2911, 76.9324

Sweetspot

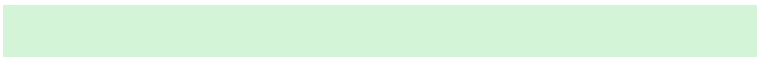
The Sweet Spot groups the original color and five complimentary colors.



74.6508, 83.2946, 97.7323



91.1017, 97.5270, 108.6308



71.3218, 83.3940, 75.7901



19.3453, 20.7777, 23.2408



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.



74.6508, 83.2946, 97.7323



80.4294, 90.7251, 107.8803



70.0522, 74.0974, 96.1994



16.8605, 18.4853, 21.2219



23.1126, 32.0190, 51.5002



2.0683, 2.8880, 4.5387

Inverse Universe

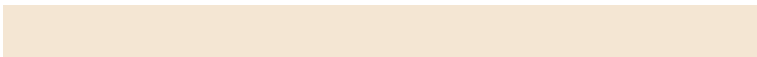
The Inverse Universe completely reimagines the original color for something new.



76.4816, 72.1742, 93.1231



82.7964, 76.4381, 101.9010



77.4340, 80.6706, 73.1193



17.1449, 16.7408, 20.5097



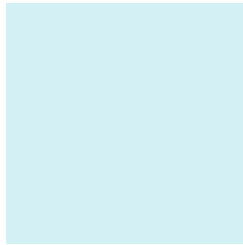
27.4707, 13.3317, 38.7826



2.4330, 1.1792, 3.5067

Previews

White Background



This preview shows how the XYZ color 74.6484, 83.2911, 97.7304 looks on a white background.

Color Contrast Check

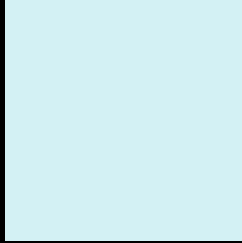
Large Text (above 18pt) WCAG AA × Fail

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 74.6484, 83.2911, 97.7304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

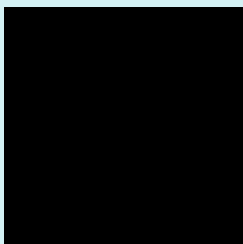
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

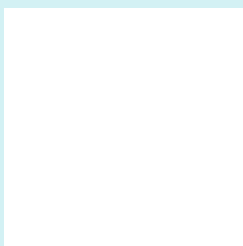
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6484, 83.2911, 97.7304

Background



This preview shows how black text looks on a background with the XYZ color 74.6484, 83.2911, 97.7304.



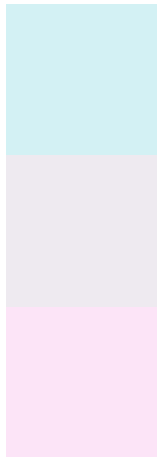
This preview shows how white text looks on a background with the XYZ color 74.6484, 83.2911,

97.7304.

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

74.6484, 83.2911, 97.7304

Protanopia

80.4109, 83.3141, 94.2812

Deuteranopia

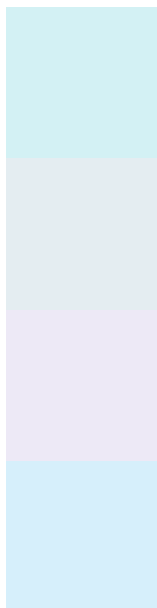
84.6768, 82.8977, 99.5336



Tritanopia

76.9434, 82.9680, 106.5668

Trichromacy



Original Color

74.6484, 83.2911, 97.7304

Protanomaly

78.1563, 83.4132, 95.2002

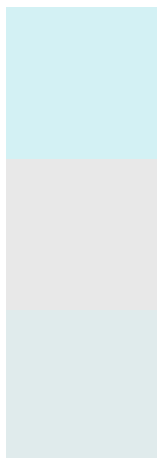
Deuteranomaly

80.6985, 82.9362, 98.9438

Tritanomaly

76.0106, 82.9942, 103.2801

Monochromacy



Original Color

74.6484, 83.2911, 97.7304

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5891, 81.3201, 91.0693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6484, 83.2911, 97.7304 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, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 74.6484, 83.2911, 97.7304 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, 241, 244) }
```


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

```
.border{ border-color:rgb(211, 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(211, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(211, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6484, 83.2911, 97.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 241, 244) }
```

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

```
.background{ background-color: rgb(211,  
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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