

Converting Colors

XYZ(73.1631, 79.0996, 99.1434)

Have a look what the booklet for
XYZ(73.1631, 79.0996, 99.1434)
contains.

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Color

**XYZ(73.0788, 78.9903,
99.3907)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E9F7
RGB	212, 233, 247
RGB Percent	83%, 91%, 97%
CMY	0.1686, 0.0863, 0.0314
CMYK	0.14, 0.06, 0.00, 0.03
HSL	204°, 69%, 90%
HSV	204°, 14%, 97%
XYZ	73.0788, 78.9903, 99.3907
YIQ	228.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

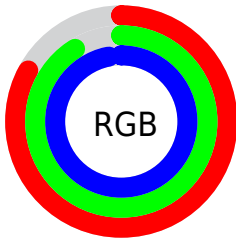
Format	Color
R _Y B	212, 225, 247
Decimal	13953527
CIE Lab	91.23, -4.14, -9.13
CIE LCh	91, 10.026, 245.615
Yxy	78.9903, 0.2906, 0.3141
Android (android.graphics.Color)	4292143607 (0xFFD4E9F7)
YUV	228.3170, 9.2107, -14.3100
Hunter-Lab	88.8765, -8.7620, -4.0905

Details

The XYZ color **73.0788, 78.9903, 99.3907** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.4383, 78.9201, 73.4405**, and the grayscale version is **73.9203, 77.7700, 84.6915**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0307, 42.3740, 55.4121** is the 20% darker color. If you saturate the color by 10%, you get **63.7780, 70.1618, 98.1781**, and if you desaturate by 10%, it is **83.6301, 88.6999, 100.7100**.

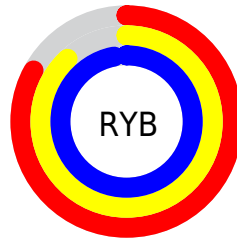
Distribution



Red (83%)

Green (91%)

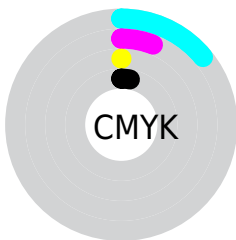
Blue (97%)



Red (83%)

Yellow (88%)

Blue (97%)

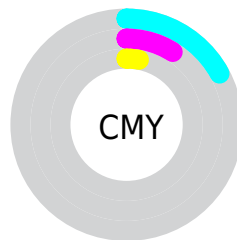


Cyan (14%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (17%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0788, 78.9903, 99.3907 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 73.0788, 78.9903, 99.3907 by changing the saturation by 10% instead.

73.0788, 78.9903,
99.3907

73.0788, 78.9903,
99.3907

460.3874,
491.5235, 579.4674

54.3290, 58.8878,
75.1777

122.5916,
131.9452, 162.3642

39.0965, 42.5228,
55.2559

154.0853,
165.5664, 201.9618

27.0158, 29.5109,
39.2067

190.5577,
204.4627, 247.5247

17.7218, 19.4676,
26.6115

232.3742,
249.0184, 299.4714

10.8489, 12.0087,
17.0518

279.9000,
299.6180, 358.2205

6.0319, 6.7496,
10.1091

333.5006,

2.9053, 3.3060,

356.6457, 424.1905

5.3648

393.5413,
420.4861, 497.8000

■ 1.1039, 1.2935,
2.4004

■ 0.0284, 0.1362,
0.7867

■ 73.0788, 78.9903,
99.3907

■ 73.0788, 78.9903,
99.3907

■ 63.7780, 70.1618,
98.1781

■ 83.6301, 88.6999,
100.7100

■ 55.6687, 62.1742,
97.0637

■ 93.0785, 98.0750,
102.0216

■ 48.6976, 54.9980,
96.0460

■ 93.7887, 99.4955,
102.2583

■ 42.8041, 48.5983,
95.1214

■ 37.9217, 42.9365,
94.2858

■ 33.9757, 37.9699,
93.5352

■ 30.8798, 33.6498,
92.8645

■ 28.5289, 29.9176,
92.2680

■ 27.4138, 27.9655,
91.9500

Harmonies

Analogous

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



71.1758, 78.9903, 94.4151



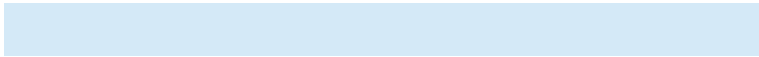
73.0788, 78.9903, 99.3907



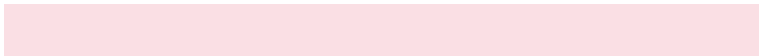
75.5569, 78.9903, 100.6970

Triad

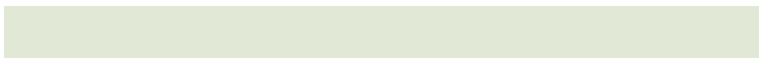
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0788, 78.9903, 99.3907



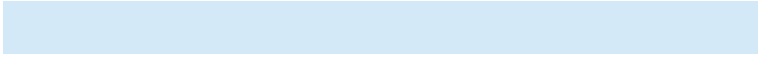
80.0458, 78.9903, 84.6452



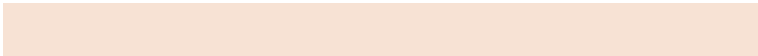
72.2686, 78.9903, 75.1262

Complementary

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



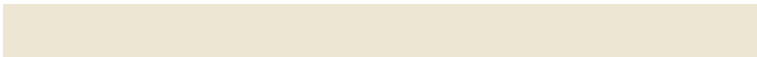
73.0788, 78.9903, 99.3907



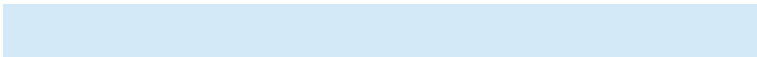
77.4383, 78.9201, 73.4405

Split Complementary

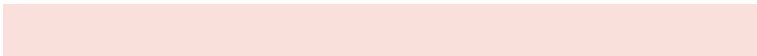
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6009, 78.9903, 72.8200



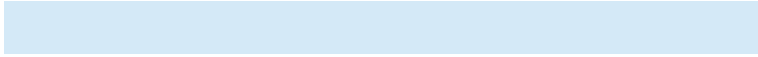
73.0788, 78.9903, 99.3907



79.1201, 78.9903, 78.1135

Square

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



73.0788, 78.9903, 99.3907



79.6162, 78.9903, 91.9142



77.1132, 78.9903, 73.8822



70.7154, 78.9903, 80.3585

Rectangle

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



73.0788, 78.9903, 99.3907



77.2099, 78.9903, 99.2510



77.1132, 78.9903, 73.8822



72.9855, 78.9903, 73.9969

Sweetspot

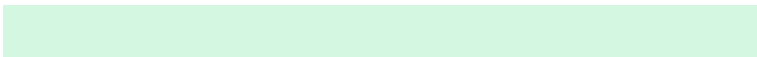
The Sweet Spot groups the original color and five complimentary colors.



73.0811, 78.9936, 99.3925



90.1089, 95.5415, 108.2998



74.0611, 85.9790, 84.2262



19.0935, 20.2741, 23.1569



0.0000, 0.0000, 0.0000



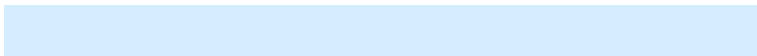
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0811, 78.9936, 99.3925



75.5774, 82.1187, 106.4749



68.5186, 69.8685, 97.8716



16.4083, 17.5810, 21.0712



14.6408, 15.0754, 48.6762



1.3872, 1.5257, 4.3116

Inverse Universe

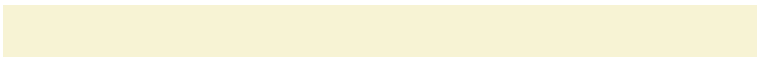
The Inverse Universe completely reimagines the original color for something new.



76.6111, 72.7460, 87.0981



80.0794, 74.3255, 90.7559



82.2684, 88.5803, 75.0506



16.9167, 16.6495, 19.3078



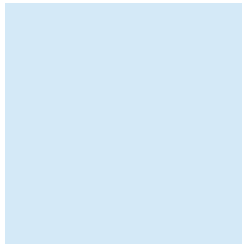
23.1945, 11.6212, 16.2645



2.0892, 1.0417, 1.6963

Previews

White Background



This preview shows how the XYZ color 73.0788, 78.9903, 99.3907 looks on a white background.

Color Contrast Check

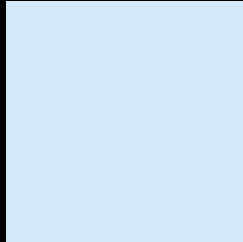
Large Text (above 18pt) WCAG AA × Fail

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 73.0788, 78.9903, 99.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

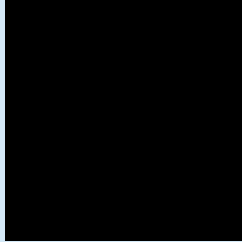
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

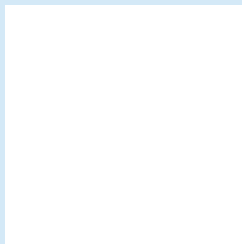
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0788, 78.9903, 99.3907

Background



This preview shows how black text looks on a background with the XYZ color 73.0788, 78.9903, 99.3907.

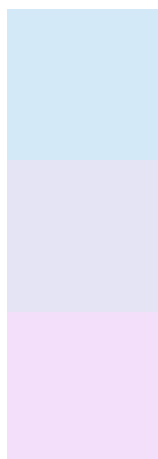


This preview shows how white text looks on a background with the XYZ color 73.0788, 78.9903,

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

73.0788, 78.9903, 99.3907

Protanopia

76.3856, 78.6765, 96.7481

Deuteranopia

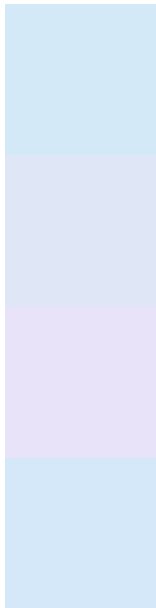
80.4487, 78.6696, 100.5672



Tritanopia

73.7098, 78.8244, 102.5965

Trichromacy



Original Color

73.0788, 78.9903, 99.3907

Protanomaly

75.2097, 78.8742, 97.6465

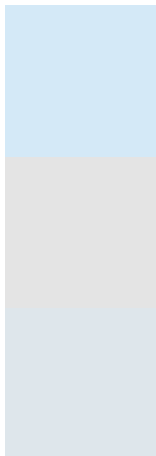
Deuteranomaly

77.6911, 78.8713, 99.9359

Tritanomaly

73.5525, 78.7615, 101.7683

Monochromacy



Original Color

73.0788, 78.9903, 99.3907

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4164, 78.1214, 89.8067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0788, 78.9903, 99.3907 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(212, 233, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 233, 247)  
}
```

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(212, 233, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 233, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.0788, 78.9903, 99.3907 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(212, 233, 247) }
```


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

```
.border{ border-color:rgb(212, 233, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 233, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 233, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 233, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 233,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0788, 78.9903, 99.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 233, 247) }
```

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

```
.background{ background-color: rgb(212,  
233, 247) }
```

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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