

Converting Colors

XYZ(71.4483, 75.9130, 98.4655)

Have a look what the booklet for
XYZ(71.4483, 75.9130, 98.4655)
contains.

XYZ(71.5293, 76.1377, 98.1148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.5293, 76.1377,
98.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E4F6
RGB	212, 228, 246
RGB Percent	83%, 89%, 96%
CMY	0.1686, 0.1059, 0.0353
CMYK	0.14, 0.07, 0.00, 0.04
HSL	212°, 65%, 90%
HSV	212°, 14%, 96%
XYZ	71.5293, 76.1377, 98.1148
YIQ	225.2680, -15.3140, 2.2060

Conversions

Conversions Part 2

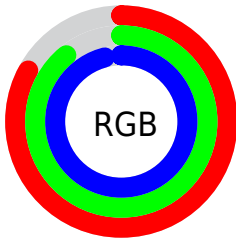
Format	Color
R _Y B	212, 223, 246
Decimal	13952246
CIE Lab	89.92, -1.77, -10.55
CIE LCh	90, 10.698, 260.489
Yxy	76.1377, 0.2910, 0.3098
Android (android.graphics.Color)	4292142326 (0xFFD4E4F6)
YUV	225.2680, 10.2209, -11.6360
Hunter-Lab	87.2569, -6.3733, -5.5880

Details

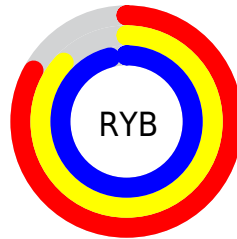
The XYZ color **71.5293, 76.1377, 98.1148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1869, 80.9395, 73.7907**, and the grayscale version is **71.6993, 75.4332, 82.1468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1425, 40.7729, 54.5748** is the 20% darker color. If you saturate the color by 10%, you get **61.5231, 65.8621, 96.6600**, and if you desaturate by 10%, it is **82.8902, 87.5162, 99.7135**.

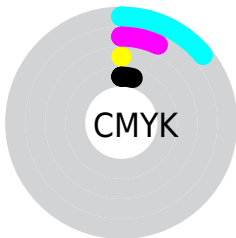
Distribution



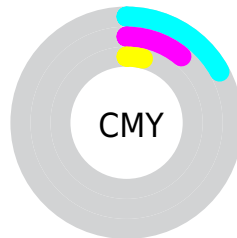
- Red (83%)
- Green (89%)
- Blue (96%)



- Red (83%)
- Yellow (87%)
- Blue (96%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5293, 76.1377, 98.1148 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 71.5293, 76.1377, 98.1148 by changing the saturation by 10% instead.

■ 71.5293, 76.1377,
98.1148

■ 71.5293, 76.1377,
98.1148

455.0847,
481.8189, 575.3264

■ 53.0583, 56.5454,
74.1190

120.4015,
127.9215, 160.5933

■ 38.0770, 40.6404,
54.3940

151.5335,
160.8819, 199.9130

■ 26.2200, 28.0382,
38.5215

187.6165,
199.0671, 245.1778

■ 17.1218, 18.3545,
26.0827

229.0159,
242.8614, 296.8062

■ 10.4172, 11.2048,
16.6592

276.0971,
292.6494, 355.2167

■ 5.7408, 6.2047,
9.8324

329.2254,

■ 2.7273, 2.9700,

348.8154, 420.8279

5.1838

388.7661,
411.7438, 494.0583

■ 1.0112, 1.1161,
2.2949

■ 0.0000, 0.0000,
0.7284

■ 71.5293, 76.1377,
98.1148

■ 71.5293, 76.1377,
98.1148

■ 61.5231, 65.8621,
96.6600

■ 82.8902, 87.5162,
99.7135

■ 52.8102, 56.6430,
95.3398

■ 93.3317, 98.8277,
101.3465

■ 45.3344, 48.4444,
94.1513

■ 93.6348, 99.4339,
101.4475

■ 39.0322, 41.2240,
93.0898

■ 33.8340, 34.9363,
92.1501

■ 29.6621, 29.5311,
91.3267

■ 26.4274, 24.9516,
90.6132

■ 24.0221, 21.1312,
90.0026

■ 22.8559, 19.0961,
89.6712

Harmonies

Analogous

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



69.1783, 76.1377, 94.6558



71.5293, 76.1377, 98.1148



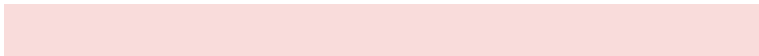
74.1617, 76.1377, 97.3100

Triad

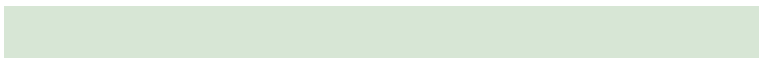
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5293, 76.1377, 98.1148



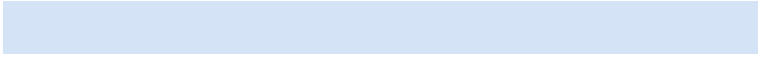
77.2369, 76.1377, 77.9057



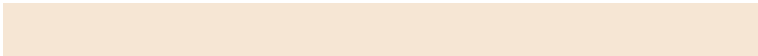
68.5127, 76.1377, 73.9735

Complementary

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



71.5293, 76.1377, 98.1148



78.1869, 80.9395, 73.7907

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.



70.6007, 76.1377, 69.9896



71.5293, 76.1377, 98.1148



75.6514, 76.1377, 72.1621

Square

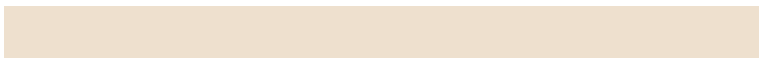
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5293, 76.1377, 98.1148



77.5002, 76.1377, 85.3317



73.2104, 76.1377, 69.3473



67.4648, 76.1377, 80.5170

Rectangle

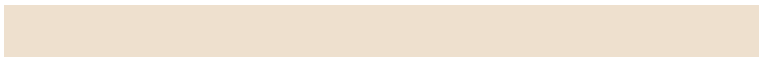
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5293, 76.1377, 98.1148



75.7199, 76.1377, 94.4814



73.2104, 76.1377, 69.3473



69.1138, 76.1377, 72.3078

Sweetspot

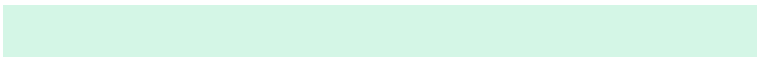
The Sweet Spot groups the original color and five complimentary colors.



71.5316, 76.1409, 98.1165



89.6982, 94.7200, 108.1629



74.3306, 85.5987, 87.1501



18.9895, 20.0662, 23.1223



0.0000, 0.0000, 0.0000



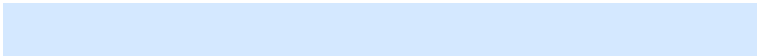
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5316, 76.1409, 98.1165



73.9724, 78.9088, 105.9399



67.4944, 67.8236, 96.7239



16.2243, 17.2130, 21.0099



12.3373, 10.4684, 47.9084



1.1863, 1.1241, 4.2447

Inverse Universe

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



75.5549, 72.2828, 83.3723



79.2693, 74.0014, 86.4900



82.6482, 90.1568, 75.3347



16.8238, 16.6124, 18.8188



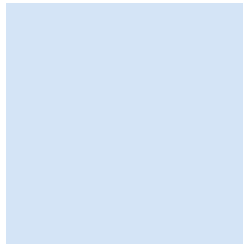
22.0318, 11.1562, 10.1419



1.9879, 1.0011, 1.1625

Previews

White Background



This preview shows how the XYZ color 71.5293, 76.1377, 98.1148 looks on a white background.

Color Contrast Check

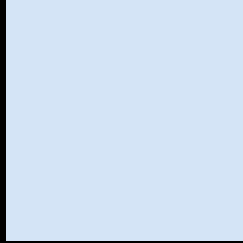
Large Text (above 18pt) WCAG AA × Fail

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 71.5293, 76.1377, 98.1148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

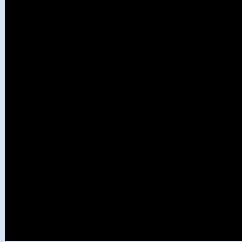
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

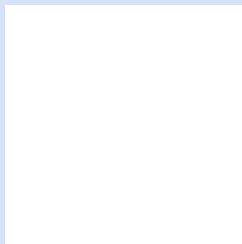
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5293, 76.1377, 98.1148

Background



This preview shows how black text looks on a background with the XYZ color 71.5293, 76.1377, 98.1148.



This preview shows how white text looks on a background with the XYZ color 71.5293, 76.1377,

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

71.5293, 76.1377, 98.1148

Protanopia

74.0361, 75.8505, 96.3264

Deuteranopia

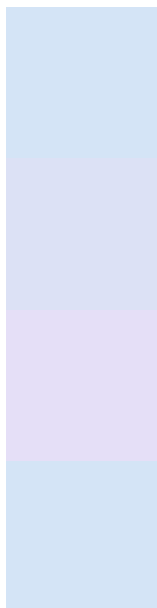
77.7964, 76.1409, 99.4033



Tritanopia

71.5293, 76.1377, 98.1148

Trichromacy



Original Color

71.5293, 76.1377, 98.1148

Protanomaly

72.9218, 75.6586, 97.1464

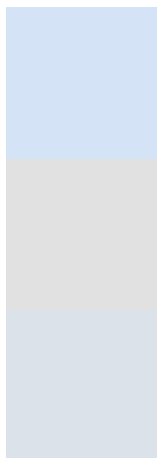
Deuteranomaly

75.4893, 76.1488, 98.7152

Tritanomaly

71.5293, 76.1377, 98.1148

Monochromacy



Original Color

71.5293, 76.1377, 98.1148

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4195, 75.4915, 87.8979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5293, 76.1377, 98.1148 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, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(212, 228, 246)  
}
```

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, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 228, 246) }
```

Border

The CSS property to change the border of an element to XYZ 71.5293, 76.1377, 98.1148 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, 228, 246) }
```


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

```
.border{ border-color:rgb(212, 228, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 228, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(212, 228,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5293, 76.1377, 98.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 228, 246) }
```

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

```
.background{ background-color: rgb(212,  
228, 246) }
```

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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