

Converting Colors

XYZ(73.4748, 78.2006,
101.4690)

Have a look what the booklet for
XYZ(73.4748, 78.2006, 101.4690)
contains.

XYZ(73.5628, 78.3501, 101.6884)	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(73.5628, 78.3501,
101.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E7FA
RGB	214, 231, 250
RGB Percent	84%, 91%, 98%
CMY	0.1608, 0.0941, 0.0196
CMYK	0.14, 0.08, 0.00, 0.02
HSL	212°, 78%, 91%
HSV	212°, 14%, 98%
XYZ	73.5628, 78.3501, 101.6884
YIQ	228.0830, -16.2310, 2.3050

Conversions

Conversions Part 2

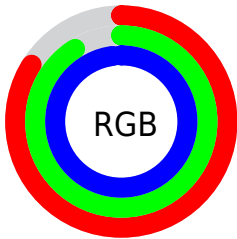
Format	Color
R_{YB}	214, 226, 250
Decimal	14084090
CIE _{Lab}	90.94, -1.88, -11.12
CIE _{LCh}	91, 11.273, 260.409
Yxy	78.3501, 0.2901, 0.3089
Android (android.graphics.Color)	4292274170 (0xFFD6E7FA)
YUV	228.0830, 10.8051, -12.3508
Hunter-Lab	88.5156, -6.5560, -6.1526

Details

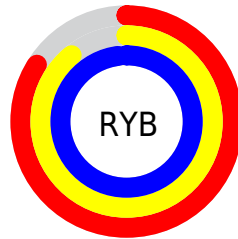
The XYZ color **73.5628, 78.3501, 101.6884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.7014, 83.4566, 75.4752**, and the grayscale version is **73.7374, 77.5775, 84.4819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3657, 41.9259, 57.0567** is the 20% darker color. If you saturate the color by 10%, you get **63.2652, 67.7670, 100.1896**, and if you desaturate by 10%, it is **85.2631, 90.0736, 103.3358**.

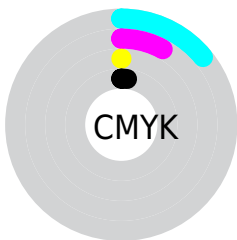
Distribution



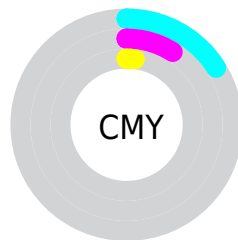
- Red (84%)
- Green (91%)
- Blue (98%)



- Red (84%)
- Yellow (89%)
- Blue (98%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5628, 78.3501, 101.6884 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 73.5628, 78.3501, 101.6884 by changing the saturation by 10% instead.

■ 73.5628, 78.3501,
101.6884

■ 73.5628, 78.3501,
101.6884

462.0367,
489.3550, 586.8852

■ 54.7263, 58.3616,
77.0866

123.2747,
131.0435, 165.5476

■ 39.4156, 42.0994,
56.8120

154.8808,
164.5173, 205.6420

■ 27.2654, 29.1792,
40.4460

191.4741,
203.2549, 251.7378

■ 17.9102, 19.2164,
27.5700

233.4200,
247.6408, 304.2534

■ 10.9849, 11.8267,
17.7656

281.0839,
298.0594, 363.6074

■ 6.1239, 6.6258,
10.6141

334.8310,

■ 2.9619, 3.2292,

354.8950, 430.2184

5.6971

395.0269,
418.5321, 504.5048

■ 1.1337, 1.2525,
2.5960

■ 0.0530, 0.1040,
0.8904

■ 73.5628, 78.3501,
101.6884

■ 73.5628, 78.3501,
101.6884

■ 63.2652, 67.7670,
100.1896

■ 85.2631, 90.0736,
103.3358

■ 54.3064, 58.2761,
98.8299

■ 94.2556, 99.6822,
104.7165

■ 46.6276, 49.8398,
97.6062

■ 40.1625, 42.4143,
96.5137

■ 34.8384, 35.9519,
95.5470

■ 30.5740, 30.4002,
94.7001

■ 27.2755, 25.6999,
93.9668

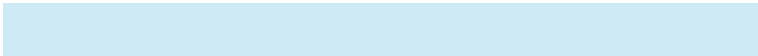
■ 24.8294, 21.7810,
93.3392

■ 23.7431, 19.8773,
93.0290

Harmonies

Analogous

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



71.0413, 78.3501, 97.9459



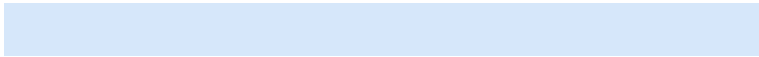
73.5628, 78.3501, 101.6884



76.3911, 78.3501, 100.8323

Triad

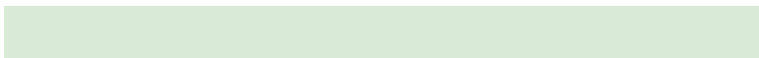
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5628, 78.3501, 101.6884



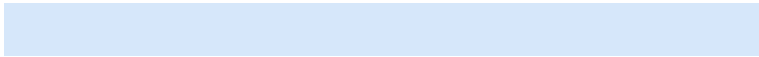
79.7086, 78.3501, 79.9685



70.3377, 78.3501, 75.7209

Complementary

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



73.5628, 78.3501, 101.6884



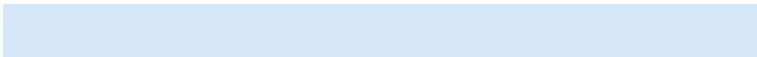
80.7014, 83.4566, 75.4752

Split Complementary

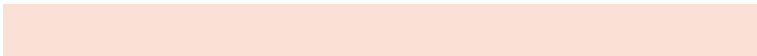
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5802, 78.3501, 71.4684



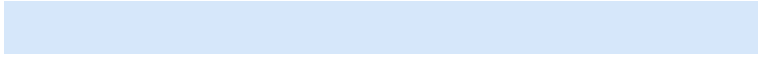
73.5628, 78.3501, 101.6884



78.0061, 78.3501, 73.8104

Square

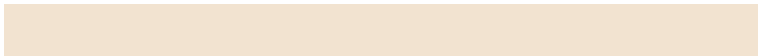
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5628, 78.3501, 101.6884



79.9879, 78.3501, 87.9437



75.3835, 78.3501, 70.7919



69.2107, 78.3501, 82.7293

Rectangle

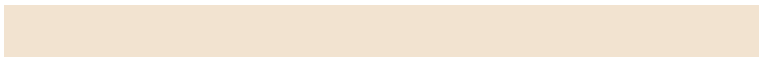
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5628, 78.3501, 101.6884



78.0678, 78.3501, 97.7883



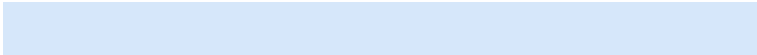
75.3835, 78.3501, 70.7919



70.9833, 78.3501, 73.9410

Sweetspot

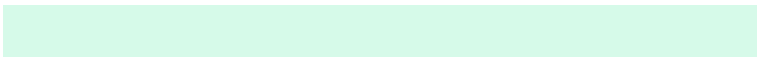
The Sweet Spot groups the original color and five complimentary colors.



73.5651, 78.3534, 101.6902



89.7033, 94.7303, 108.1646



76.5695, 88.5291, 89.8452



18.9908, 20.0688, 23.1227



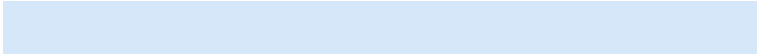
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.5651, 78.3534, 101.6902



73.9922, 78.9484, 105.9465



69.2104, 69.3835, 100.1883



16.9591, 17.9950, 21.9648



12.7355, 10.8265, 49.3921



1.2847, 1.2132, 4.6096

Inverse Universe

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



77.8966, 74.1884, 85.8192



79.2793, 74.0054, 86.5427



85.5342, 93.4409, 77.1477



17.5859, 17.3617, 19.6751



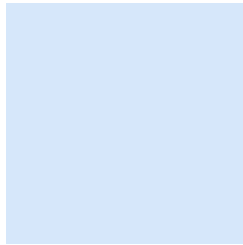
22.7203, 11.5038, 10.5015



2.1574, 1.0867, 1.2523

Previews

White Background



This preview shows how the XYZ color 73.5628, 78.3501, 101.6884 looks on a white background.

Color Contrast Check

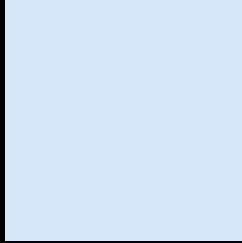
Large Text (above 18pt) WCAG AA × Fail

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 73.5628, 78.3501, 101.6884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

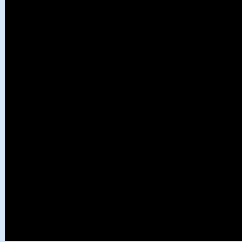
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

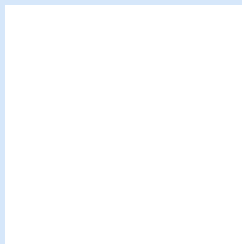
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5628, 78.3501, 101.6884

Background



This preview shows how black text looks on a background with the XYZ color 73.5628, 78.3501, 101.6884.



This preview shows how white text looks on a background with the XYZ color 73.5628, 78.3501,

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

73.5628, 78.3501, 101.6884

Protanopia

76.0909, 78.0464, 99.8610

Deuteranopia

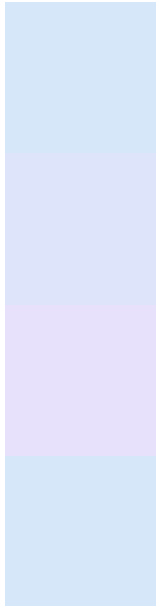
79.6271, 77.7961, 102.9148



Tritanopia

73.4064, 78.2875, 100.8646

Trichromacy



Original Color

73.5628, 78.3501, 101.6884

Protanomaly

74.9665, 77.8560, 100.6991

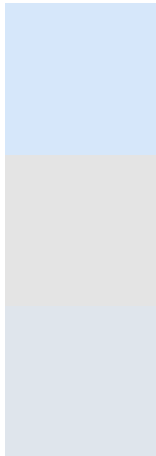
Deuteranomaly

77.2928, 77.8044, 102.2108

Tritanomaly

73.4064, 78.2875, 100.8646

Monochromacy



Original Color

73.5628, 78.3501, 101.6884

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5911, 77.7827, 90.4918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5628, 78.3501, 101.6884 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(214, 231, 250)` looks like.

```
.text, #text, p{  
    color:rgb(214, 231, 250)  
}
```

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(214, 231, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 231, 250) }
```

Border

The CSS property to change the border of an element to XYZ 73.5628, 78.3501, 101.6884 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(214, 231, 250) }
```


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

```
.border{ border-color:rgb(214, 231, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 231, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(214, 231,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5628, 78.3501, 101.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 231, 250) }
```

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

```
.background{ background-color: rgb(214,  
231, 250) }
```

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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