

Converting Colors

XYZ(73.1298, 78.9445,
102.6502)

Have a look what the booklet for
XYZ(73.1298, 78.9445, 102.6502)
contains.

XYZ(73.1298, 78.9445, 102.6502)	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(73.1298, 78.9445,
102.6502)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E9FB
RGB	210, 233, 251
RGB Percent	82%, 91%, 98%
CMY	0.1765, 0.0863, 0.0157
CMYK	0.16, 0.07, 0.00, 0.02
HSL	206°, 84%, 90%
HSV	206°, 16%, 98%
XYZ	73.1298, 78.9445, 102.6502
YIQ	228.1750, -19.4860, 0.7220

Conversions

Conversions Part 2

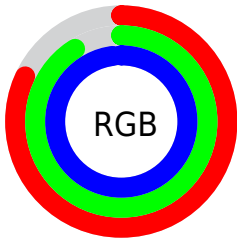
Format	Color
R _Y B	210, 225, 251
Decimal	13822459
CIE Lab	91.21, -3.94, -11.27
CIE LCh	91, 11.935, 250.707
Yxy	78.9445, 0.2871, 0.3099
Android (android.graphics.Color)	4292012539 (0xFFD2E9FB)
YUV	228.1750, 11.2527, -15.9395
Hunter-Lab	88.8507, -8.5719, -6.3029

Details

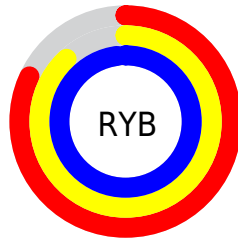
The XYZ color **73.1298, 78.9445, 102.6502** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.1604, 80.6489, 72.3689**, and the grayscale version is **73.8032, 77.6467, 84.5573**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9773, 42.3079, 57.1509** is the 20% darker color. If you saturate the color by 10%, you get **63.5147, 69.5031, 101.3359**, and if you desaturate by 10%, it is **84.0651, 89.3597, 104.0855**.

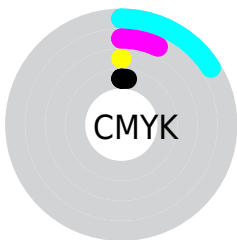
Distribution



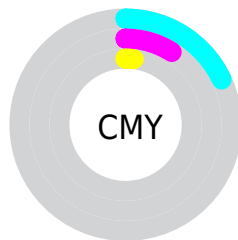
- Red (82%)
- Green (91%)
- Blue (98%)



- Red (82%)
- Yellow (88%)
- Blue (98%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1298, 78.9445, 102.6502 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 73.1298, 78.9445, 102.6502 by changing the saturation by 10% instead.

■ 73.1298, 78.9445,
102.6502

■ 73.1298, 78.9445,
102.6502

460.5614,
491.3686, 589.9755

■ 54.3709, 58.8502,
77.8865

122.6636,
131.8807, 166.8780

■ 39.1301, 42.4925,
57.4648

154.1692,
165.4914, 207.1791

■ 27.0421, 29.4871,
40.9667

190.6543,
204.3764, 253.4965

■ 17.7416, 19.4496,
27.9736

232.4844,
248.9199, 306.2486

■ 10.8632, 11.9956,
18.0669

280.0248,
299.5066, 365.8540

■ 6.0415, 6.7407,
10.8281

333.6409,

■ 2.9113, 3.3005,

356.5206, 432.7313

5.8386

393.6980,
420.3465, 507.2990

■ 1.1070, 1.2905,
2.6800

■ 0.0310, 0.1339,
0.9333

■ 73.1298, 78.9445,
102.6502

■ 73.1298, 78.9445,
102.6502

■ 63.5147, 69.5031,
101.3359

■ 84.0651, 89.3597,
104.0855

■ 55.1572, 60.9918,
100.1335

■ 94.4128, 99.7451,
105.5447

■ 47.9998, 53.3777,
99.0411

■ 41.9773, 46.6216,
98.0544

■ 37.0179, 40.6809,
97.1691

■ 33.0406, 35.5077,
96.3803

■ 29.9511, 31.0475,
95.6822

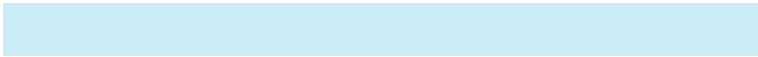
■ 27.6326, 27.2337,
95.0682

■ 26.9119, 25.9633,
94.8610

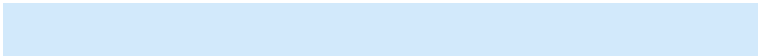
Harmonies

Analogous

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



70.7128, 78.9445, 97.2805



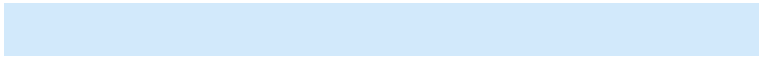
73.1298, 78.9445, 102.6502



76.1198, 78.9445, 103.3781

Triad

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



73.1298, 78.9445, 102.6502



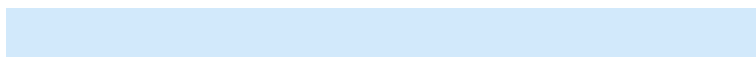
80.8934, 78.9445, 82.9005



71.3060, 78.9445, 73.9426

Complementary

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



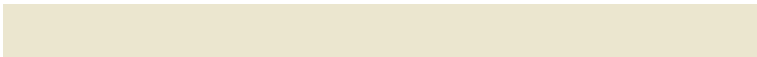
73.1298, 78.9445, 102.6502



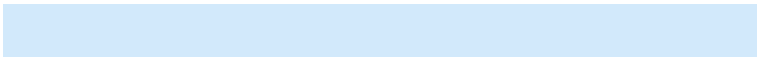
79.1604, 80.6489, 72.3689

Split Complementary

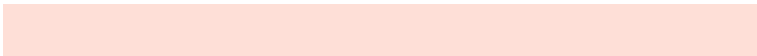
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9594, 78.9445, 70.6122



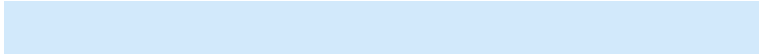
73.1298, 78.9445, 102.6502



79.5286, 78.9445, 75.5484

Square

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



73.1298, 78.9445, 102.6502



80.6567, 78.9445, 91.5767



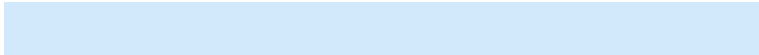
76.9717, 78.9445, 71.1797



69.6796, 78.9445, 80.5723

Rectangle

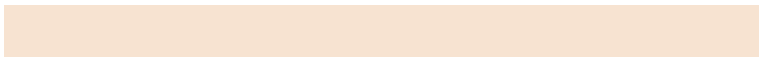
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1298, 78.9445, 102.6502



78.0426, 78.9445, 101.0829



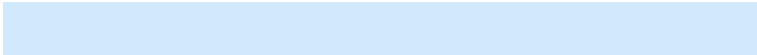
76.9717, 78.9445, 71.1797



72.1044, 78.9445, 72.4210

Sweetspot

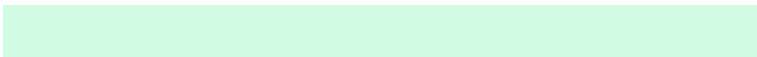
The Sweet Spot groups the original color and five complimentary colors.



73.1321, 78.9478, 102.6520



88.7543, 94.1425, 108.1012



75.0481, 88.2858, 86.3159



18.8138, 19.9787, 23.1146



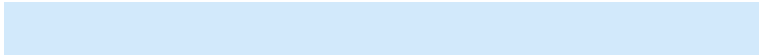
0.0000, 0.0000, 0.0000



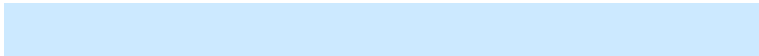
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1321, 78.9478, 102.6520



71.9815, 78.1167, 105.8919



67.7196, 68.1227, 100.8478



17.0910, 18.2588, 22.0088



14.2935, 13.9425, 49.9114



1.4294, 1.5025, 4.6578

Inverse Universe

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



77.5400, 72.4873, 86.9992



77.4857, 70.3069, 86.2884



85.0673, 92.4626, 74.3378



17.6525, 17.3883, 20.0256



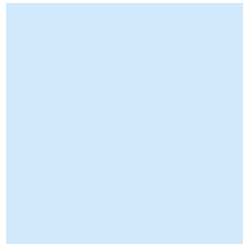
23.5067, 11.8184, 14.6427



2.2304, 1.1159, 1.6368

Previews

White Background



This preview shows how the XYZ color 73.1298, 78.9445, 102.6502 looks on a white background.

Color Contrast Check

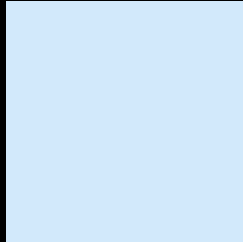
Large Text (above 18pt) WCAG AA × Fail

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 73.1298, 78.9445, 102.6502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

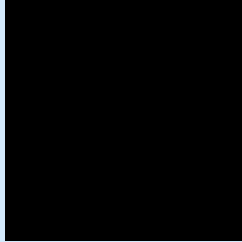
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

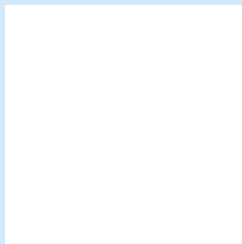
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1298, 78.9445, 102.6502

Background



This preview shows how black text looks on a background with the XYZ color 73.1298, 78.9445, 102.6502.

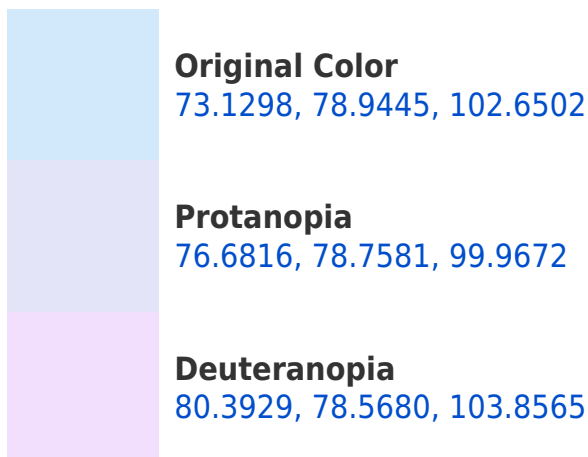


This preview shows how white text looks on a background with the XYZ color 73.1298, 78.9445,

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

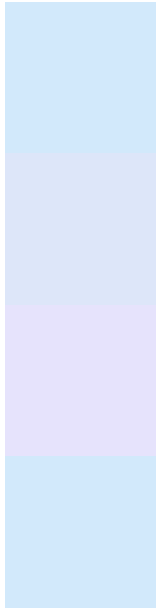




Tritanopia

73.1298, 78.9445, 102.6502

Trichromacy



Original Color

73.1298, 78.9445, 102.6502

Protanomaly

75.2145, 78.8053, 100.8693

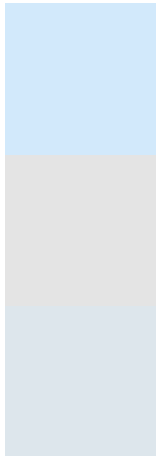
Deuteranomaly

77.6729, 78.7894, 103.2095

Tritanomaly

73.1298, 78.9445, 102.6502

Monochromacy



Original Color

73.1298, 78.9445, 102.6502

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2559, 78.0219, 90.5556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1298, 78.9445, 102.6502 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(210, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(210, 233, 251)  
}
```

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(210, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 233, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.1298, 78.9445, 102.6502 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(210, 233, 251) }
```


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

```
.border{ border-color:rgb(210, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(210, 233,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1298, 78.9445, 102.6502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 233, 251) }
```

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

```
.background{ background-color: rgb(210,  
233, 251) }
```

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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