

Converting Colors

XYZ(72.6059, 78.8021,
105.9913)

Have a look what the booklet for
XYZ(72.6059, 78.8021, 105.9913)
contains.

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Color

**XYZ(72.3658, 78.4770,
105.9412)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE9FF
RGB	205, 233, 255
RGB Percent	80%, 91%, 100%
CMY	0.1961, 0.0863, 0.0000
CMYK	0.20, 0.09, 0.00, 0.00
HSL	206°, 100%, 90%
HSV	206°, 20%, 100%
XYZ	72.3658, 78.4770, 105.9412
YIQ	227.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

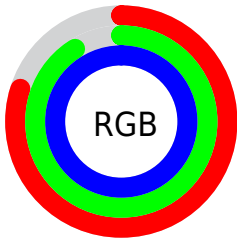
Format	Color
R _Y B	205, 223, 255
Decimal	13494783
CIE Lab	91.00, -4.63, -13.70
CIE LCh	91, 14.466, 251.331
Yxy	78.4770, 0.2818, 0.3056
Android (android.graphics.Color)	4291684863 (0xFFCDE9FF)
YUV	227.1360, 13.7370, -19.4133
Hunter-Lab	88.5872, -9.2133, -8.8936

Details

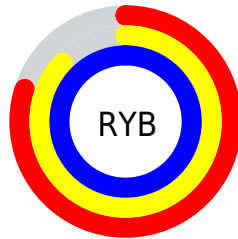
The XYZ color **72.3658, 78.4770, 105.9412** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.7283, 80.6050, 69.1156**, and the grayscale version is **73.0300, 76.8333, 83.6714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4929, 42.0055, 59.5052** is the 20% darker color. If you saturate the color by 10%, you get **62.8215, 68.9930, 104.6137**, and if you desaturate by 10%, it is **83.2626, 88.9620, 107.3907**.

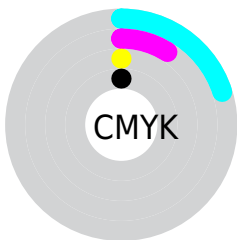
Distribution



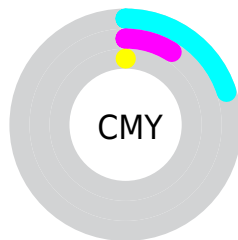
- Red (80%)
- Green (91%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- Blue (100%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3658, 78.4770, 105.9412 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 72.3658, 78.4770, 105.9412 by changing the saturation by 10% instead.

■ 72.3658, 78.4770,
105.9412

■ 72.3658, 78.4770,
105.9412

457.9517,
489.7853, 600.4860

■ 53.7441, 58.4659,
80.6270

121.5845,
131.2223, 171.4209

■ 38.6269, 42.1833,
59.7053

152.9121,
164.7253, 212.4235

■ 26.6491, 29.2449,
42.7574

189.2057,
203.4945, 259.4927

■ 17.4451, 19.2661,
29.3648

230.8308,
247.9141, 313.0470

■ 10.6496, 11.8627,
19.1090

278.1525,
298.3685, 373.5049

■ 5.8973, 6.6503,
11.5715

331.5364,

■ 2.8228, 3.2444,

355.2423, 441.2850

6.3336

391.3476,
418.9198, 516.8059

■ 1.0607, 1.2606,
2.9769

■ 0.0000, 0.1104,
1.0829

■ 72.3658, 78.4770,
105.9412

■ 72.3658, 78.4770,
105.9412

■ 62.8215, 68.9930,
104.6137

■ 83.2626, 88.9620,
107.3907

■ 54.5642, 60.4647,
103.4028

95.0500, 100.0000,
108.9000

■ 47.5320, 52.8565,
102.3049

■ 41.6553, 46.1267,
101.3156

■ 36.8565, 40.2291,
100.4302

■ 33.0473, 35.1121,
99.6433

■ 30.1236, 30.7155,
98.9487

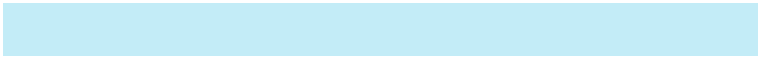
■ 27.9240, 26.9494,
98.3377

■ 27.8452, 26.8104,
98.3151

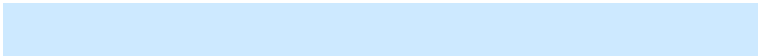
Harmonies

Analogous

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



69.4428, 78.4770, 99.4222



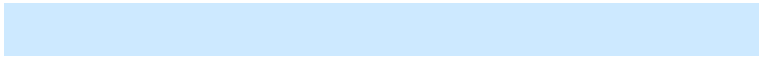
72.3658, 78.4770, 105.9412



75.9775, 78.4770, 106.7116

Triad

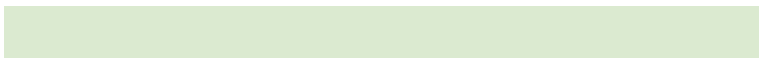
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3658, 78.4770, 105.9412



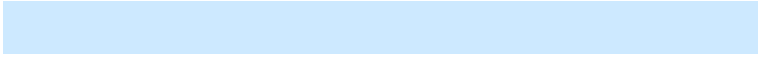
81.6858, 78.4770, 81.5593



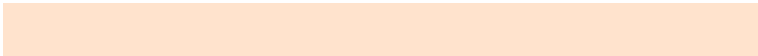
70.0502, 78.4770, 71.2254

Complementary

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



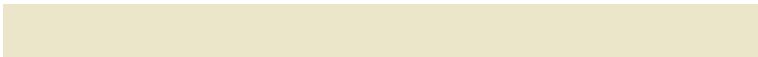
72.3658, 78.4770, 105.9412



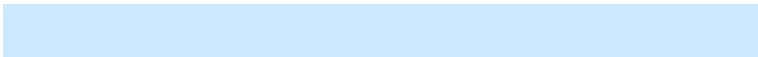
79.7283, 80.6050, 69.1156

Split Complementary

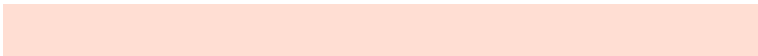
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2195, 78.4770, 67.2154



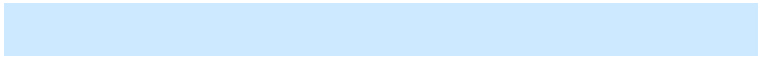
72.3658, 78.4770, 105.9412



79.9856, 78.4770, 72.8489

Square

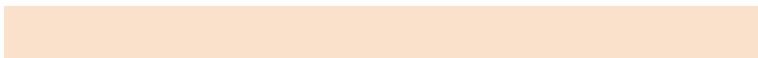
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3658, 78.4770, 105.9412



81.4390, 78.4770, 92.0454



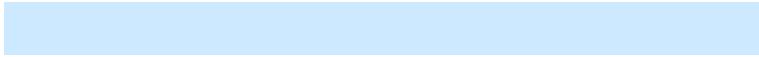
76.8594, 78.4770, 67.7844



68.1363, 78.4770, 79.1738

Rectangle

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



72.3658, 78.4770, 105.9412



78.2994, 78.4770, 103.7937



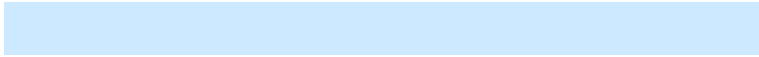
76.8594, 78.4770, 67.7844



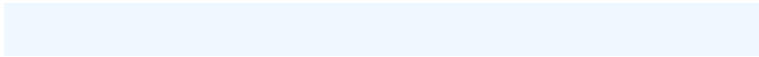
70.9997, 78.4770, 69.4026

Sweetspot

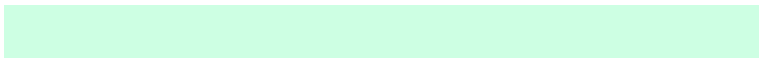
The Sweet Spot groups the original color and five complimentary colors.



72.3679, 78.4801, 105.9417



87.5336, 92.9932, 107.9437



74.7570, 90.0273, 85.8701



18.5673, 19.7460, 23.0827



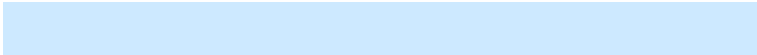
0.0000, 0.0000, 0.0000



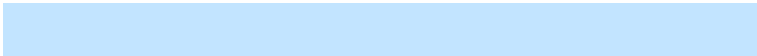
20.3446, 21.4041, 23.3091

Same Dimension

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



72.3679, 78.4801, 105.9417



68.0113, 74.1917, 105.3436



65.8655, 65.4753, 103.7743



17.8470, 19.0656, 22.9893



14.7011, 14.3117, 51.4222



1.5403, 1.6113, 5.0431

Inverse Universe

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



77.7807, 70.8075, 86.6621



74.5015, 65.3603, 82.1435



86.9657, 95.0797, 71.5281



18.4354, 18.1575, 20.9100



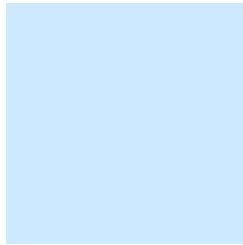
24.2086, 12.1727, 15.0149



2.4121, 1.2072, 1.7514

Previews

White Background



This preview shows how the XYZ color 72.3658, 78.4770, 105.9412 looks on a white background.

Color Contrast Check

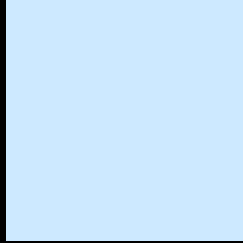
Large Text (above 18pt) WCAG AA × Fail

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 72.3658, 78.4770, 105.9412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

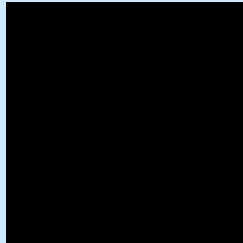
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

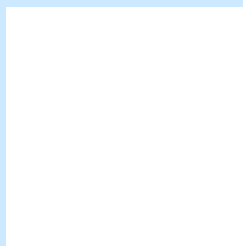
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3658, 78.4770, 105.9412

Background



This preview shows how black text looks on a background with the XYZ color 72.3658, 78.4770, 105.9412.

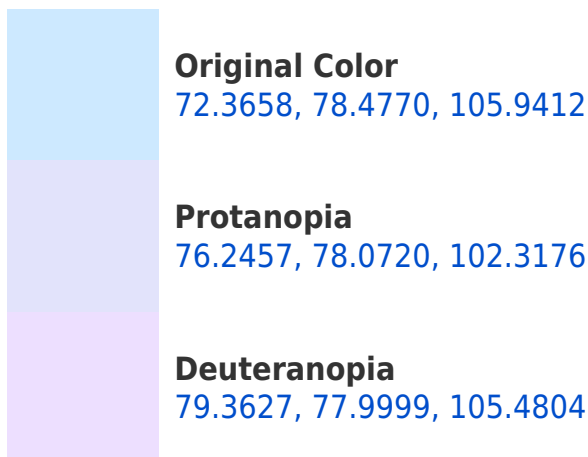


This preview shows how white text looks on a background with the XYZ color 72.3658, 78.4770,

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

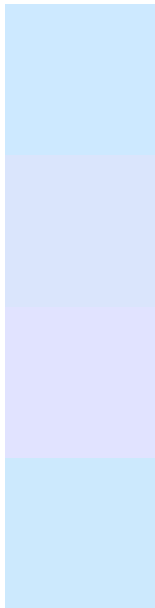




Tritanopia

71.6114, 78.1435, 103.4043

Trichromacy



Original Color

72.3658, 78.4770, 105.9412

Protanomaly

74.5034, 77.9723, 103.2189

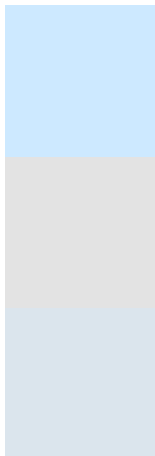
Deuteranomaly

76.5704, 78.1657, 105.6595

Tritanomaly

71.7704, 78.2070, 104.2413

Monochromacy



Original Color

72.3658, 78.4770, 105.9412

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.5188, 77.2131, 91.2022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3658, 78.4770, 105.9412 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(205, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 233, 255)  
}
```

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(205, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.3658, 78.4770, 105.9412 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(205, 233, 255) }
```


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

```
.border{ border-color:rgb(205, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3658, 78.4770, 105.9412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 233, 255) }
```

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

```
.background{ background-color: rgb(205,  
233, 255) }
```

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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