

Converting Colors

XYZ(78.8001, 79.8422,
136.9469)

Have a look what the booklet for
XYZ(78.8001, 79.8422, 136.9469)
contains.

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Color

**XYZ(72.9252, 77.5153,
105.7261)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D2E6FF |
| RGB | 210, 230, 255 |
| RGB Percent | 82%, 90%, 100% |
| CMY | 0.1765, 0.0980, 0.0000 |
| CMYK | 0.18, 0.10, 0.00, 0.00 |
| HSL | 213°, 100%, 91% |
| HSV | 213°, 18%, 100% |
| XYZ | 72.9252, 77.5153, 105.7261 |
| YIQ | 226.8700, -19.9450, 3.5350 |

Conversions

Conversions Part 2

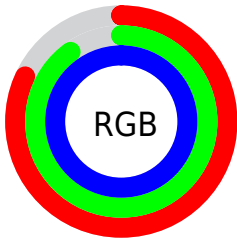
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 210, 224, 255 |
| Decimal | 13821695 |
| CIE Lab | 90.56, -1.57, -14.33 |
| CIE LCh | 91, 14.412, 263.764 |
| Yxy | 77.5153, 0.2847, 0.3026 |
| Android (android.graphics.Color) | 4292011775 (0xFFD2E6FF) |
| YUV | 226.8700, 13.8681, -14.7950 |
| Hunter-Lab | 88.0428, -6.2246, -9.5684 |

Details

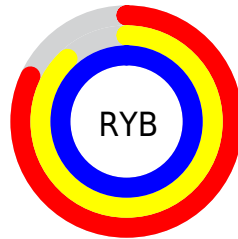
The XYZ color **72.9252, 77.5153, 105.7261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.5809, 85.3287, 73.0922**, and the grayscale version is **72.8338, 76.6269, 83.4467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0406, 41.7057, 59.4184** is the 20% darker color. If you saturate the color by 10%, you get **62.4527, 66.5024, 104.1524**, and if you desaturate by 10%, it is **84.8789, 89.7714, 107.4618**.

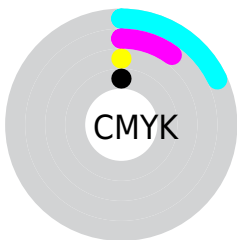
Distribution



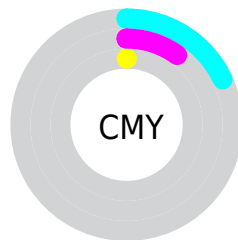
- Red (82%)
- Green (90%)
- Blue (100%)



- Red (82%)
- Yellow (88%)
- Blue (100%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9252, 77.5153, 105.7261 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 72.9252, 77.5153, 105.7261 by changing the saturation by 10% instead.

■ 72.9252, 77.5153,
105.7261

■ 72.9252, 77.5153,
105.7261

459.8633,
486.5192, 599.8020

■ 54.2030, 57.6759,
80.4477

122.3747,
129.8666, 171.1244

■ 38.9953, 41.5481,
59.5585

153.8327,
163.1473, 212.0814

■ 26.9368, 28.7476,
42.6399

190.2667,
201.6773, 259.1018

■ 17.6621, 18.8900,
29.2734

232.0419,
245.8408, 312.6040

■ 10.8059, 11.5908,
19.0404

279.5239,
296.0224, 373.0065

■ 6.0028, 6.4657,
11.5224

333.0779,

■ 2.8874, 3.1303,

352.6064, 440.7280

6.3008

393.0692,
415.9772, 516.1870

■ 1.0945, 1.2001,
2.9571

■ 0.0205, 0.0618,
1.0728

■ 72.9252, 77.5153,
105.7261

■ 72.9252, 77.5153,
105.7261

■ 62.4527, 66.5024,
104.1524

■ 84.8789, 89.7714,
107.4618

■ 53.3931, 56.6801,
102.7340

95.0500, 100.0000,
108.9000

■ 45.6813, 48.0053,
101.4660

■ 39.2447, 40.4283,
100.3428

■ 34.0029, 33.8951,
99.3580

■ 29.8654, 28.3457,
98.5049

■ 26.7267, 23.7120,
97.7760

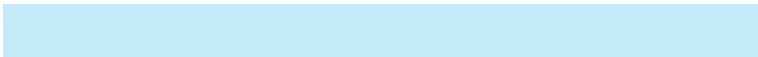
■ 24.4500, 19.9085,
97.1618

■ 23.9945, 19.1091,
97.0315

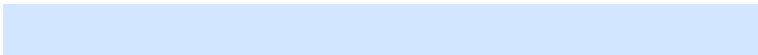
Harmonies

Analogous

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



69.6519, 77.5153, 101.4573



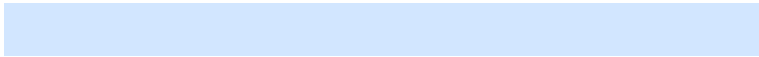
72.9252, 77.5153, 105.7261



76.5063, 77.5153, 103.9160

Triad

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



72.9252, 77.5153, 105.7261



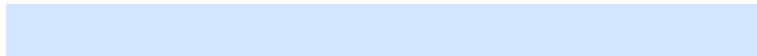
80.2075, 77.5153, 76.6471



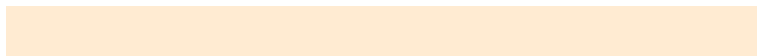
68.2222, 77.5153, 73.1959

Complementary

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



72.9252, 77.5153, 105.7261



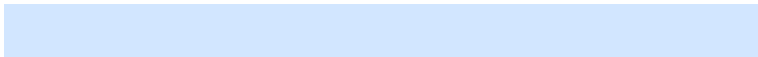
82.5809, 85.3287, 73.0922

Split Complementary

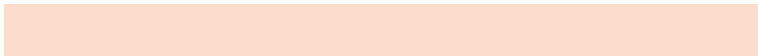
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9163, 77.5153, 67.4962



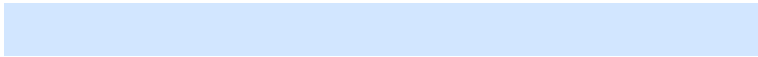
72.9252, 77.5153, 105.7261



77.8521, 77.5153, 69.3721

Square

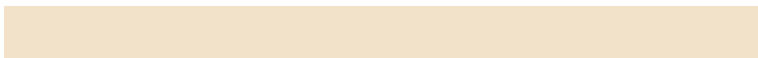
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9252, 77.5153, 105.7261



80.7878, 77.5153, 86.5769



74.4319, 77.5153, 66.1554



66.9943, 77.5153, 82.2618

Rectangle

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



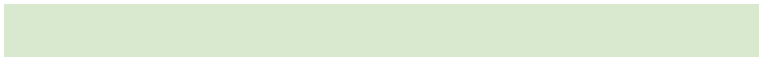
72.9252, 77.5153, 105.7261



78.5781, 77.5153, 99.5738



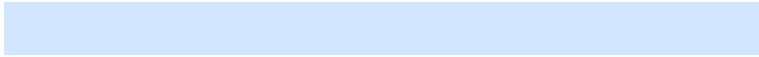
74.4319, 77.5153, 66.1554



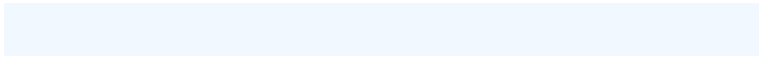
68.9821, 77.5153, 70.8535

Sweetspot

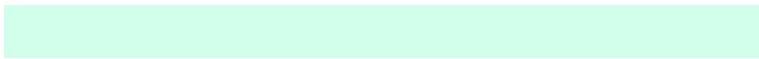
The Sweet Spot groups the original color and five complimentary colors.



72.9273, 77.5184, 105.7266



88.2959, 93.2257, 107.9484



77.2986, 91.2058, 91.9394



18.7025, 19.7559, 23.0775



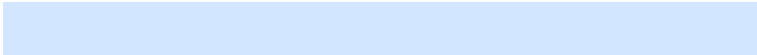
0.0000, 0.0000, 0.0000



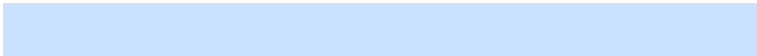
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9273, 77.5184, 105.7266



69.2525, 73.6879, 105.1809



68.3215, 67.3492, 104.0065



17.6676, 18.7069, 22.9296



12.6811, 10.2719, 50.7489



1.3416, 1.2140, 4.9769

Inverse Universe

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



78.5709, 73.0680, 84.8289



75.8570, 68.6935, 80.6771



87.8103, 97.0091, 75.0711



18.3449, 18.1213, 20.4334



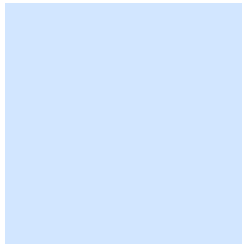
23.1891, 11.7649, 9.6460



2.3118, 1.1671, 1.2234

Previews

White Background



This preview shows how the XYZ color 72.9252, 77.5153, 105.7261 looks on a white background.

Color Contrast Check

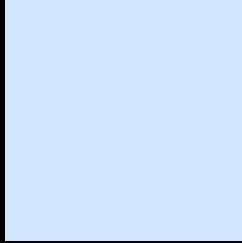
Large Text (above 18pt) WCAG AA × Fail

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 72.9252, 77.5153, 105.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

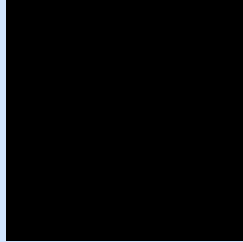
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

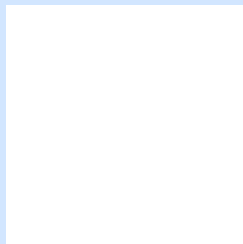
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9252, 77.5153, 105.7261

Background



This preview shows how black text looks on a background with the XYZ color 72.9252, 77.5153, 105.7261.



This preview shows how white text looks on a background with the XYZ color 72.9252, 77.5153,

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

72.9252, 77.5153, 105.7261

Protanopia

75.5075, 77.2683, 103.0301

Deuteranopia

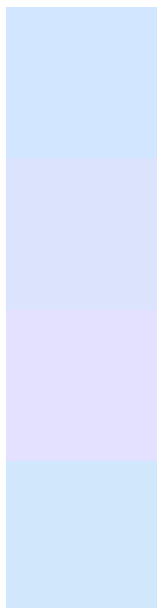
78.7633, 77.2954, 105.3760



Tritanopia

71.9693, 77.5467, 100.7974

Trichromacy



Original Color

72.9252, 77.5153, 105.7261

Protanomaly

74.4121, 77.0901, 103.8864

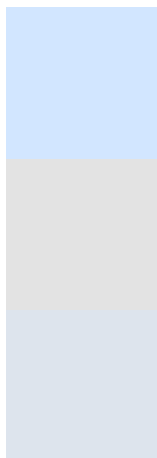
Deuteranomaly

76.6538, 77.4013, 105.5076

Tritanomaly

72.2830, 77.6722, 102.4493

Monochromacy



Original Color

72.9252, 77.5153, 105.7261

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8483, 76.9734, 91.1386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9252, 77.5153, 105.7261 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, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 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(210, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.9252, 77.5153, 105.7261 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, 230, 255) }
```


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

```
.border{ border-color:rgb(210, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9252, 77.5153, 105.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 255) }
```

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

```
.background{ background-color: rgb(210,  
230, 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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