

Converting Colors

XYZ(74.9170, 79.7159,
116.4920)

Have a look what the booklet for
XYZ(74.9170, 79.7159, 116.4920)
contains.

XYZ(72.9210, 78.7632, 105.9672)	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(72.9210, 78.7632,
105.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE9FF
RGB	207, 233, 255
RGB Percent	81%, 91%, 100%
CMY	0.1882, 0.0863, 0.0000
CMYK	0.19, 0.09, 0.00, 0.00
HSL	207°, 100%, 91%
HSV	207°, 19%, 100%
XYZ	72.9210, 78.7632, 105.9672
YIQ	227.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

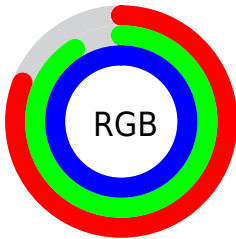
Format	Color
R_{YB}	207, 224, 255
Decimal	13625855
CIE _{Lab}	91.13, -4.03, -13.50
CIE _{LCh}	91, 14.084, 253.391
Yxy	78.7632, 0.2830, 0.3057
Android (android.graphics.Color)	4291815935 (0xFFCFE9FF)
YUV	227.7340, 13.4421, -18.1837
Hunter-Lab	88.7486, -8.6442, -8.6691

Details

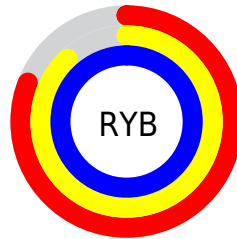
The XYZ color **72.9210, 78.7632, 105.9672** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.5215, 81.8025, 70.5786**, and the grayscale version is **73.4670, 77.2930, 84.1720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8641, 42.1969, 59.5225** is the 20% darker color. If you saturate the color by 10%, you get **63.1650, 68.9863, 104.5943**, and if you desaturate by 10%, it is **84.0509, 89.5777, 107.4680**.

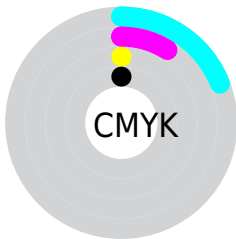
Distribution



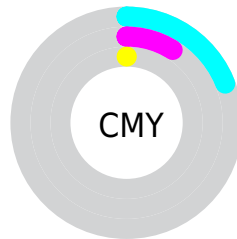
- Red (81%)
- Green (91%)
- Blue (100%)



- Red (81%)
- Yellow (88%)
- Blue (100%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9210, 78.7632, 105.9672 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 72.9210, 78.7632, 105.9672 by changing the saturation by 10% instead.

72.9210, 78.7632,
105.9672

72.9210, 78.7632,
105.9672

459.8490,
490.7549, 600.5686

54.1995, 58.7011,
80.6487

122.3688,
131.6254, 171.4567

38.9925, 42.3726,
59.7230

153.8258,
165.1944, 212.4649

26.9346, 29.3931,
42.7716

190.2587,
204.0345, 259.5399

17.6604, 19.3784,
29.3759

232.0329,
248.5300, 313.1005

10.8047, 11.9440,
19.1173

279.5136,
299.0654, 373.5651

6.0020, 6.7056,
11.5774

333.0663,

2.8870, 3.2787,

356.0251, 441.3523

6.3376

393.0563,
419.7935, 516.8807

■ 1.0943, 1.2789,
2.9793

■ 0.0203, 0.1248,
1.0841

■ 72.9210, 78.7632,
105.9672

■ 72.9210, 78.7632,
105.9672

■ 63.1650, 68.9863,
104.5943

■ 84.0509, 89.5777,
107.4680

■ 54.7171, 60.2007,
103.3437

95.0500, 100.0000,
108.9000

■ 47.5154, 52.3702,
102.2119

■ 41.4903, 45.4520,
101.1941

■ 36.5642, 39.3995,
100.2855

■ 32.6494, 34.1602,
99.4805

■ 29.6425, 29.6736,
98.7730

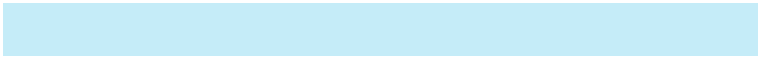
■ 27.3958, 25.8557,
98.1545

■ 27.1592, 25.4385,
98.0864

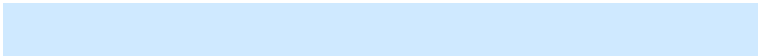
Harmonies

Analogous

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



69.9936, 78.7632, 99.9556



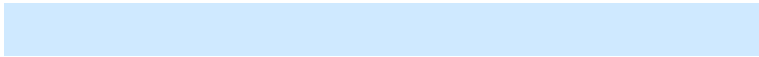
72.9210, 78.7632, 105.9672



76.4598, 78.7632, 106.2959

Triad

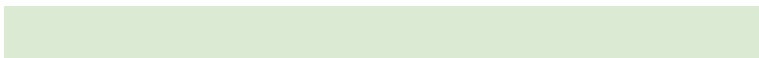
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9210, 78.7632, 105.9672



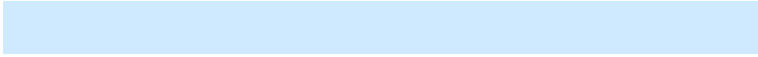
81.7258, 78.7632, 81.2959



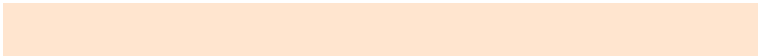
70.2540, 78.7632, 72.2785

Complementary

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



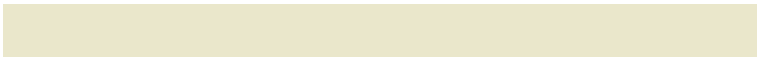
72.9210, 78.7632, 105.9672



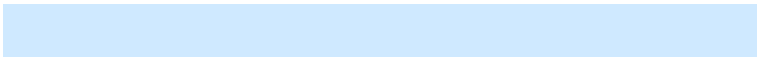
80.5215, 81.8025, 70.5786

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.



73.2867, 78.7632, 68.0551



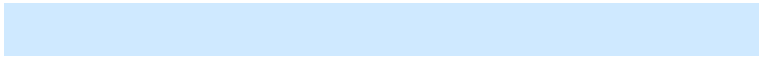
72.9210, 78.7632, 105.9672



79.9512, 78.7632, 72.9759

Square

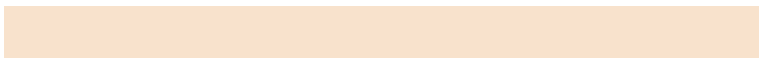
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9210, 78.7632, 105.9672



81.6203, 78.7632, 91.4907



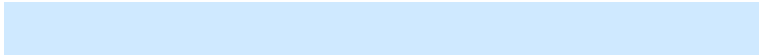
76.8373, 78.7632, 68.2999



68.4876, 78.7632, 80.2733

Rectangle

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



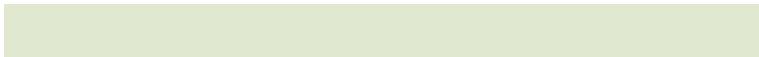
72.9210, 78.7632, 105.9672



78.6958, 78.7632, 103.2051



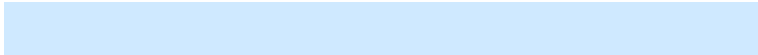
76.8373, 78.7632, 68.2999



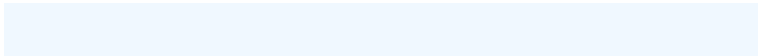
71.1549, 78.7632, 70.4001

Sweetspot

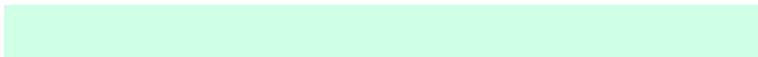
The Sweet Spot groups the original color and five complimentary colors.



72.9231, 78.7663, 105.9677



87.4473, 92.8206, 107.9149



75.5801, 90.4207, 87.3067



18.5469, 19.7052, 23.0759



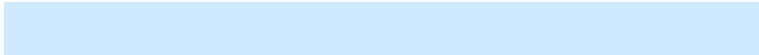
0.0000, 0.0000, 0.0000



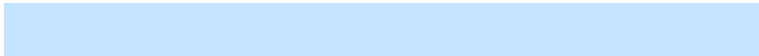
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9231, 78.7663, 105.9677



68.6834, 74.5574, 105.3788



66.6822, 66.2844, 103.8874



17.8184, 19.0083, 22.9798



14.3425, 13.5946, 51.3027



1.5058, 1.5423, 5.0316

Inverse Universe

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



78.2621, 71.7703, 86.8226



75.0797, 66.5062, 82.3684



87.5020, 95.7635, 72.9055



18.4210, 18.1517, 20.8339



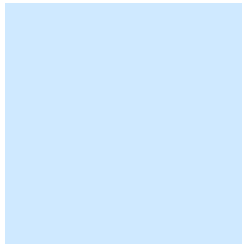
24.0276, 12.1003, 14.0619



2.3947, 1.2002, 1.6597

Previews

White Background



This preview shows how the XYZ color 72.9210, 78.7632, 105.9672 looks on a white background.

Color Contrast Check

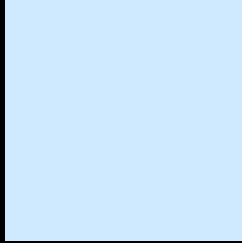
Large Text (above 18pt) WCAG AA × Fail

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 72.9210, 78.7632, 105.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

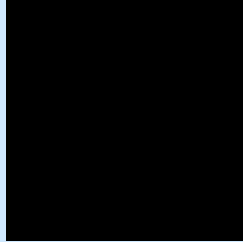
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

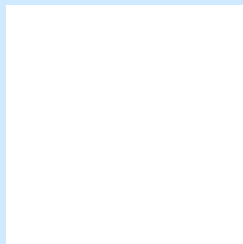
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9210, 78.7632, 105.9672

Background



This preview shows how black text looks on a background with the XYZ color 72.9210, 78.7632, 105.9672.



This preview shows how white text looks on a background with the XYZ color 72.9210, 78.7632,

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

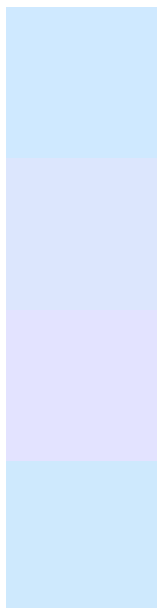




Tritanopia

72.1632, 78.4279, 103.4302

Trichromacy



Original Color

72.9210, 78.7632, 105.9672

Protanomaly

75.5416, 78.9011, 104.1765

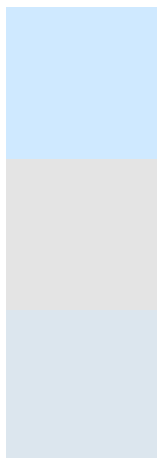
Deuteranomaly

77.1976, 78.4891, 105.6889

Tritanomaly

72.3221, 78.4915, 104.2671

Monochromacy



Original Color

72.9210, 78.7632, 105.9672

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2446, 77.9823, 92.0806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9210, 78.7632, 105.9672 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(207, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.9210, 78.7632, 105.9672 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(207, 233, 255) }
```


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

```
.border{ border-color:rgb(207, 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(207, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9210, 78.7632, 105.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 233, 255) }
```

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

```
.background{ background-color: rgb(207,  
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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