

Converting Colors

XYZ(71.7592, 73.0334,
104.9225)

Have a look what the booklet for
XYZ(71.7592, 73.0334, 104.9225)
contains.

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Color

**XYZ(71.6675, 72.8535,
104.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DCFF
RGB	215, 220, 255
RGB Percent	84%, 86%, 100%
CMY	0.1569, 0.1372, 0.0000
CMYK	0.16, 0.14, 0.00, 0.00
HSL	232°, 100%, 92%
HSV	232°, 16%, 100%
XYZ	71.6675, 72.8535, 104.8926
YIQ	222.4950, -14.2150, 9.8250

Conversions

Conversions Part 2

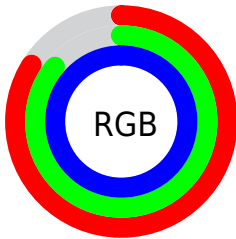
Format	Color
R _Y B	215, 219, 255
Decimal	14146815
CIE Lab	88.38, 5.19, -17.56
CIE LCh	88, 18.314, 286.451
Yxy	72.8535, 0.2873, 0.2921
Android (android.graphics.Color)	4292336895 (0xFFD7DCFF)
YUV	222.4950, 16.0250, -6.5731
Hunter-Lab	85.3543, 0.5071, -13.1140

Details

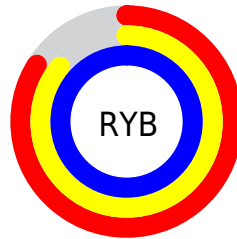
The XYZ color **71.6675, 72.8535, 104.8926** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.6908, 94.5359, 77.9170**, and the grayscale version is **69.6802, 73.3090, 79.8335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1454, 38.4611, 58.8393** is the 20% darker color. If you saturate the color by 10%, you get **59.2854, 58.3517, 102.7461**, and if you desaturate by 10%, it is **86.0021, 89.5256, 107.3551**.

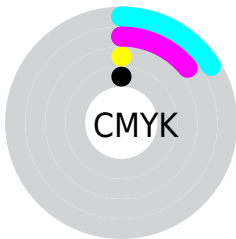
Distribution



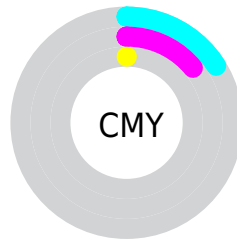
- Red (84%)
- Green (86%)
- Blue (100%)



- Red (84%)
- Yellow (86%)
- Blue (100%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6675, 72.8535, 104.8926 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 71.6675, 72.8535, 104.8926 by changing the saturation by 10% instead.

■ 71.6675, 72.8535,
104.8926

■ 71.6675, 72.8535,
104.8926

455.5591,
470.5069, 597.1476

■ 53.1716, 53.8562,
79.7532

120.5970,
123.2692, 169.9749

■ 38.1678, 38.4867,
58.9903

151.7614,
155.4564, 210.7550

■ 26.2908, 26.3606,
42.1854

187.8793,
192.8090, 257.5857

■ 17.1751, 17.0936,
28.9198

229.3161,
235.7114, 310.8855

■ 10.4555, 10.3013,
18.7751

276.4371,
284.5480, 371.0731

■ 5.7666, 5.5992,
11.3327

329.6077,

■ 2.7430, 2.6029,

339.7032, 438.5670

6.1741

389.1932,
401.5613, 513.7856

■ 1.0193, 0.9281,
2.8807

■ 0.0000, 0.0000,
1.0341

■ 71.6675, 72.8535,
104.8926

■ 71.6675, 72.8535,
104.8926

■ 59.2854, 58.3517,
102.7461

■ 86.0021, 89.5256,
107.3551

■ 48.7651, 45.9223,
100.9014

95.0500, 100.0000,
108.9000

■ 40.0177, 35.4727,
99.3455

■ 32.9448, 26.8998,
98.0635

■ 27.4379, 20.0912,
97.0396

■ 23.3758, 14.9224,
96.2560

■ 20.6191, 11.2519,
95.6928

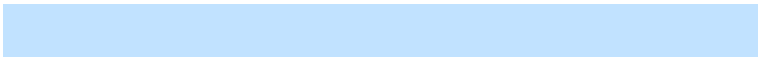
■ 18.9991, 8.9133,
95.3268

■ 18.5637, 8.2473,
95.2212

Harmonies

Analogous

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



67.2827, 72.8535, 105.2754



71.6675, 72.8535, 104.8926



75.5566, 72.8535, 97.2082

Triad

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



71.6675, 72.8535, 104.8926



75.2362, 72.8535, 63.0351



61.3452, 72.8535, 73.7854

Complementary

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



71.6675, 72.8535, 104.8926



87.6908, 94.5359, 77.9170

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.



63.2952, 72.8535, 63.7818



71.6675, 72.8535, 104.8926



71.2452, 72.8535, 58.0335

Square

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



71.6675, 72.8535, 104.8926



77.6759, 72.8535, 72.6625



66.8778, 72.8535, 58.2915



61.4474, 72.8535, 86.3829

Rectangle

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



71.6675, 72.8535, 104.8926



77.2900, 72.8535, 89.4000



66.8778, 72.8535, 58.2915



61.7787, 72.8535, 70.0370

Sweetspot

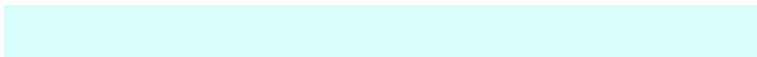
The Sweet Spot groups the original color and five complimentary colors.



71.6695, 72.8564, 104.8930



87.0578, 90.7495, 107.5357



80.9881, 92.8487, 103.8220



18.4023, 19.1556, 22.9774



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.



71.6695, 72.8564, 104.8930



67.3528, 67.8131, 104.1471



74.8777, 72.5902, 104.6726



17.1860, 17.7437, 22.7690



9.7565, 4.4226, 49.7740



1.0049, 0.5404, 4.8646

Inverse Universe

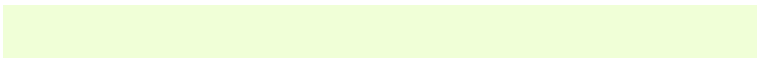
The Inverse Universe completely reimagines the original color for something new.



78.4599, 75.0296, 78.0605



75.4047, 70.4522, 72.3159



84.0748, 95.0102, 78.1991



18.1018, 18.0240, 19.1532



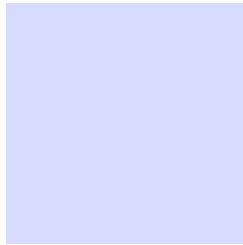
21.7128, 11.1744, 1.8723



2.1418, 1.0991, 0.3282

Previews

White Background



This preview shows how the XYZ color 71.6675, 72.8535, 104.8926 looks on a white background.

Color Contrast Check

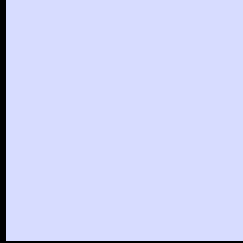
Large Text (above 18pt) WCAG AA × Fail

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 71.6675, 72.8535, 104.8926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

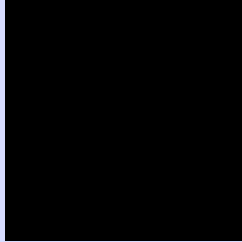
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6675, 72.8535, 104.8926

Background



This preview shows how black text looks on a background with the XYZ color 71.6675, 72.8535, 104.8926.

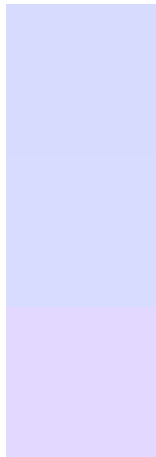


This preview shows how white text looks on a background with the XYZ color 71.6675, 72.8535,

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

71.6675, 72.8535, 104.8926

Protanopia

71.9621, 73.0053, 104.9064

Deuteranopia

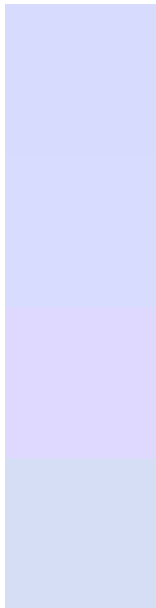
74.2844, 72.6626, 104.7178



Tritanopia

69.2672, 73.0637, 92.8900

Trichromacy



Original Color

71.6675, 72.8535, 104.8926

Protanomaly

71.9621, 73.0053, 104.9064

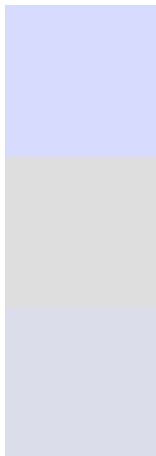
Deuteranomaly

73.2943, 72.5337, 104.7451

Tritanomaly

70.0433, 72.9813, 96.7813

Monochromacy



Original Color

71.6675, 72.8535, 104.8926

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.9212, 72.7135, 88.1918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6675, 72.8535, 104.8926 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(215, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 220, 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(215, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.6675, 72.8535, 104.8926 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(215, 220, 255) }
```


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

```
.border{ border-color:rgb(215, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 220, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 220, 255); box-shadow:4px 4px 4px 4px rgb(215, 220, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6675, 72.8535, 104.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 220, 255) }
```

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

```
.background{ background-color: rgb(215,  
220, 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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