

Converting Colors

XYZ(71.5129, 71.8240,
104.7020)

Have a look what the booklet for
XYZ(71.5129, 71.8240, 104.7020)
contains.

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Color

**XYZ(71.7367, 72.1145,
104.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DAFF
RGB	217, 218, 255
RGB Percent	85%, 85%, 100%
CMY	0.1490, 0.1451, 0.0000
CMYK	0.15, 0.15, 0.00, 0.00
HSL	238°, 100%, 93%
HSV	238°, 15%, 100%
XYZ	71.7367, 72.1145, 104.7463
YIQ	221.9190, -12.4730, 11.2950

Conversions

Conversions Part 2

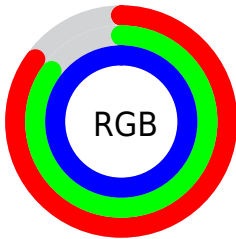
Format	Color
R _Y B	217, 218, 255
Decimal	14277375
CIE Lab	88.02, 6.86, -18.08
CIE LCh	88, 19.340, 290.772
Yxy	72.1145, 0.2886, 0.2901
Android (android.graphics.Color)	4292467455 (0xFFD9DAFF)
YUV	221.9190, 16.3089, -4.3140
Hunter-Lab	84.9203, 2.1781, -13.6881

Details

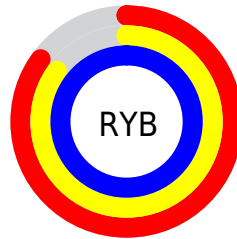
The XYZ color **71.7367, 72.1145, 104.7463** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.2058, 97.1521, 79.6980**, and the grayscale version is **69.2706, 72.8780, 79.3642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1905, 37.9530, 58.7389** is the 20% darker color. If you saturate the color by 10%, you get **58.7717, 56.5800, 102.4312**, and if you desaturate by 10%, it is **86.8411, 90.1871, 107.4386**.

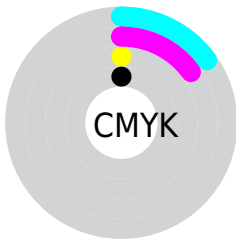
Distribution



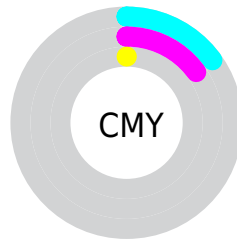
- Red (85%)
- Green (85%)
- Blue (100%)



- Red (85%)
- Yellow (85%)
- Blue (100%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7367, 72.1145, 104.7463 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 71.7367, 72.1145, 104.7463 by changing the saturation by 10% instead.

■ 71.7367, 72.1145,
104.7463

■ 71.7367, 72.1145,
104.7463

455.7965,
467.9400, 596.6811

■ 53.2283, 53.2522,
79.6314

120.6949,
122.2193, 169.7731

■ 38.2133, 38.0042,
58.8907

151.8755,
154.2306, 210.5220

■ 26.3262, 25.9859,
42.1057

188.0108,
191.3937, 257.3193

■ 17.2018, 16.8131,
28.8579

229.4663,
234.0930, 310.5836

■ 10.4747, 10.1013,
18.7287

276.6072,
282.7129, 370.7334

■ 5.7795, 5.4662,
11.2996

329.7990,

■ 2.7508, 2.5233,

337.6378, 438.1872

6.1520

389.4070,
399.2520, 513.3636

■ 1.0234, 0.8883,
2.8674

■ 0.0000, 0.0000,
1.0274

■ 71.7367, 72.1145,
104.7463

■ 71.7367, 72.1145,
104.7463

■ 58.7717, 56.5800,
102.4312

■ 86.8411, 90.1871,
107.4386

■ 47.8438, 43.4619,
100.4751

95.0500, 100.0000,
108.9000

■ 38.8512, 32.6414,
98.8605

■ 31.6812, 23.9862,
97.5678

■ 26.2092, 17.3507,
96.5754

■ 22.2951, 12.5713,
95.8592

■ 19.7766, 9.4590,
95.3912

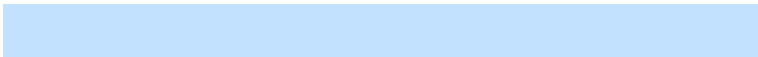
■ 18.4555, 7.7845,
95.1376

■ 18.1230, 7.3660,
95.0743

Harmonies

Analogous

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



67.1302, 72.1145, 106.3571



71.7367, 72.1145, 104.7463



75.6456, 72.1145, 95.7051

Triad

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



71.7367, 72.1145, 104.7463



74.3062, 72.1145, 60.4411



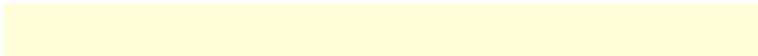
60.1553, 72.1145, 74.5171

Complementary

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



71.7367, 72.1145, 104.7463



89.2058, 97.1521, 79.6980

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.



61.8989, 72.1145, 63.5268



71.7367, 72.1145, 104.7463



69.9748, 72.1145, 56.0214

Square

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



71.7367, 72.1145, 104.7463



77.1747, 72.1145, 69.8516



65.4449, 72.1145, 57.0839



60.5796, 72.1145, 87.8783

Rectangle

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



71.7367, 72.1145, 104.7463



77.2632, 72.1145, 87.1864



65.4449, 72.1145, 57.0839



60.5043, 72.1145, 70.4486

Sweetspot

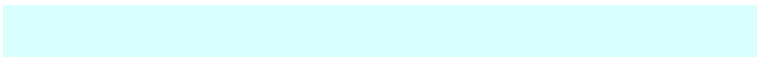
The Sweet Spot groups the original color and five complimentary colors.



71.7387, 72.1174, 104.7468



88.3097, 91.9431, 107.7001



82.2228, 93.4108, 107.2387



18.6392, 19.3655, 23.0055



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.



71.7387, 72.1174, 104.7468



67.4962, 67.0366, 103.9897



77.0369, 74.4641, 104.9205



17.0414, 17.4544, 22.7208



9.4863, 3.8821, 49.6839



0.9366, 0.4038, 4.8419

Inverse Universe

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



78.7090, 75.9492, 76.8442



75.7366, 71.5787, 71.0002



83.2993, 94.5806, 79.5129



18.0288, 17.9948, 18.7688



21.5764, 11.1199, 1.1540



2.1073, 1.0853, 0.1467

Previews

White Background



This preview shows how the XYZ color 71.7367, 72.1145, 104.7463 looks on a white background.

Color Contrast Check

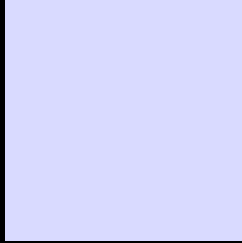
Large Text (above 18pt) WCAG AA × Fail

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 71.7367, 72.1145, 104.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

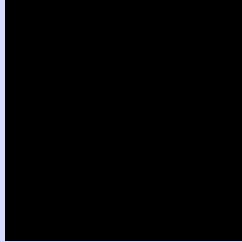
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7367, 72.1145, 104.7463

Background



This preview shows how black text looks on a background with the XYZ color 71.7367, 72.1145, 104.7463.



This preview shows how white text looks on a background with the XYZ color 71.7367, 72.1145,

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

71.7367, 72.1145, 104.7463

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.4018, 71.8284, 104.6033



Tritanopia

69.0206, 72.1821, 91.1837

Trichromacy



Original Color

71.7367, 72.1145, 104.7463

Protanomaly

71.4058, 72.3301, 104.8054

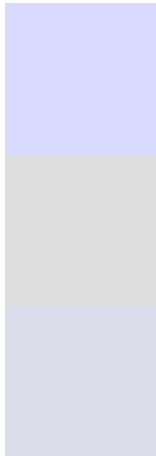
Deuteranomaly

72.7301, 71.8613, 104.6451

Tritanomaly

69.9467, 72.1651, 95.8306

Monochromacy



Original Color

71.7367, 72.1145, 104.7463

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2229, 72.8691, 88.2059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7367, 72.1145, 104.7463 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(217, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 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(217, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.7367, 72.1145, 104.7463 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(217, 218, 255) }
```


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

```
.border{ border-color:rgb(217, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(217, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7367, 72.1145, 104.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 255) }
```

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

```
.background{ background-color: rgb(217,  
218, 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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