

Converting Colors

XYZ(71.8836, 71.7109,
104.6607)

Have a look what the booklet for
XYZ(71.8836, 71.7109, 104.6607)
contains.

XYZ(72.0763, 71.9058, 104.6881)	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(72.0763, 71.9058,
104.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD9FF
RGB	219, 217, 255
RGB Percent	86%, 85%, 100%
CMY	0.1412, 0.1490, 0.0000
CMYK	0.14, 0.15, 0.00, 0.00
HSL	243°, 100%, 93%
HSV	243°, 15%, 100%
XYZ	72.0763, 71.9058, 104.6881
YIQ	221.9300, -11.0060, 12.2420

Conversions

Conversions Part 2

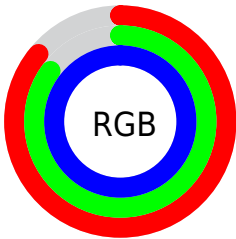
Format	Color
R _Y B	219, 217, 255
Decimal	14408191
CIE Lab	87.92, 8.01, -18.22
CIE LCh	88, 19.903, 293.730
Yxy	71.9058, 0.2898, 0.2892
Android (android.graphics.Color)	4292598271 (0xFFD9D9FF)
YUV	221.9300, 16.3035, -2.5696
Hunter-Lab	84.7973, 3.3268, -13.8395

Details

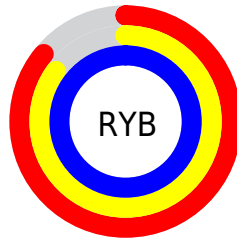
The XYZ color **72.0763, 71.9058, 104.6881** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.7939, 97.4131, 79.7717**, and the grayscale version is **69.2776, 72.8855, 79.3723**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4232, 37.8104, 58.6991** is the 20% darker color. If you saturate the color by 10%, you get **59.2563, 56.2834, 102.3484**, and if you desaturate by 10%, it is **86.9707, 90.1088, 107.4166**.

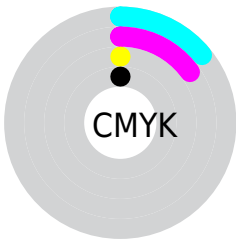
Distribution



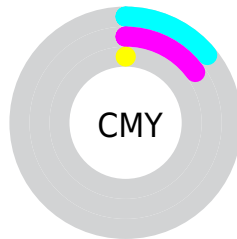
- Red (86%)
- Green (85%)
- Blue (100%)



- Red (86%)
- Yellow (85%)
- Blue (100%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0763, 71.9058, 104.6881 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 72.0763, 71.9058, 104.6881 by changing the saturation by 10% instead.

72.0763, 71.9058,
104.6881

72.0763, 71.9058,
104.6881

456.9606,
467.2137, 596.4954

53.5067, 53.0817,
79.5829

121.1752,
121.9226, 169.6928

38.4365, 37.8680,
58.8510

152.4352,
153.8841, 210.4293

26.5004, 25.8803,
42.0740

188.6561,
190.9936, 257.2134

17.3330, 16.7341,
28.8332

230.2032,
233.6353, 310.4635

10.5690, 10.0451,
18.7102

277.4418,
282.1938, 370.5982

5.8429, 5.4289,
11.2864

330.7374,

2.7896, 2.5010,

337.0535, 438.0361

6.1432

390.4552,
398.5986, 513.1957

■ 1.0435, 0.8772,
2.8622

■ 0.0000, 0.0000,
1.0247

■ 72.0763, 71.9058,
104.6881

■ 72.0763, 71.9058,
104.6881

■ 59.2563, 56.2834,
102.3484

■ 86.9707, 90.1088,
107.4166

■ 48.4129, 43.1167,
100.3785

95.0500, 100.0000,
108.9000

■ 39.4495, 32.2832,
98.7598

■ 32.2591, 23.6469,
97.4718

■ 26.7238, 17.0572,
96.4916

■ 22.7113, 12.3450,
95.7936

■ 20.0692, 9.3140,
95.3478

■ 18.6131, 7.7240,
95.1176

■ 18.2220, 7.3087,
95.0581

Harmonies

Analogous

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



67.3542, 71.9058, 107.1957



72.0763, 71.9058, 104.6881



75.9552, 71.9058, 94.7641

Triad

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



72.0763, 71.9058, 104.6881



73.8765, 71.9058, 59.0861



59.6830, 71.9058, 75.4783

Complementary

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



72.0763, 71.9058, 104.6881



88.7939, 97.4131, 79.7717

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.



61.2596, 71.9058, 63.8508



72.0763, 71.9058, 104.6881



69.3440, 71.9058, 55.1175

Square

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



72.0763, 71.9058, 104.6881



77.0277, 71.9058, 68.2562



64.7434, 71.9058, 56.7556



60.3393, 71.9058, 89.2688

Rectangle

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



72.0763, 71.9058, 104.6881



77.4676, 71.9058, 85.8324



64.7434, 71.9058, 56.7556



59.9670, 71.9058, 71.2089

Sweetspot

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



72.0783, 71.9087, 104.6886



88.4155, 91.8769, 107.6818



81.8237, 92.2863, 108.1082



18.6658, 19.3488, 23.0008



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.



72.0783, 71.9087, 104.6886



67.8862, 66.7948, 103.9224



78.0912, 75.0085, 104.9700



17.0913, 17.4233, 22.7122



9.5574, 3.8375, 49.6716



0.9603, 0.3890, 4.8377

Inverse Universe

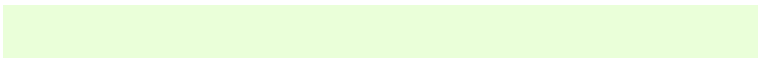
The Inverse Universe completely reimagines the original color for something new.



83.7841, 77.9803, 103.5664



81.7289, 73.9756, 102.5550



82.2504, 94.0398, 79.4654



18.7490, 18.2829, 22.5613



29.9093, 14.4530, 45.0345



2.9243, 1.4121, 4.4488

Previews

White Background



This preview shows how the XYZ color 72.0763, 71.9058, 104.6881 looks on a white background.

Color Contrast Check

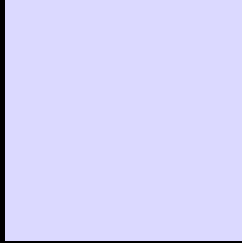
Large Text (above 18pt) WCAG AA × Fail

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 72.0763, 71.9058, 104.6881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

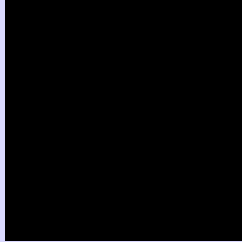
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0763, 71.9058, 104.6881

Background



This preview shows how black text looks on a background with the XYZ color 72.0763, 71.9058, 104.6881.

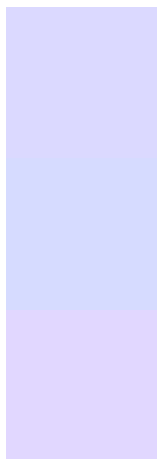


This preview shows how white text looks on a background with the XYZ color 72.0763, 71.9058,

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

72.0763, 71.9058, 104.6881

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

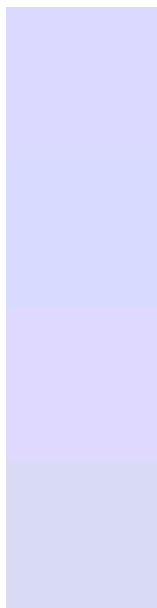
73.4018, 71.8284, 104.6033



Tritanopia

69.1982, 71.8998, 90.3517

Trichromacy



Original Color

72.0763, 71.9058, 104.6881

Protanomaly

71.4403, 71.9617, 104.7324

Deuteranomaly

73.0373, 72.0197, 104.6595

Tritanomaly

70.2759, 71.9464, 95.7711

Monochromacy



Original Color

72.0763, 71.9058, 104.6881

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2633, 72.4991, 88.1323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0763, 71.9058, 104.6881 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(219, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 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(219, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.0763, 71.9058, 104.6881 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(219, 217, 255) }
```


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

```
.border{ border-color:rgb(219, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0763, 71.9058, 104.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 255) }
```

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

```
.background{ background-color: rgb(219,  
217, 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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