

Converting Colors

XYZ(82.6639, 72.6124,
162.5718)

Have a look what the booklet for
XYZ(82.6639, 72.6124, 162.5718)
contains.

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Color

**XYZ(71.6572, 68.3393,
104.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D0FF
RGB	225, 208, 255
RGB Percent	88%, 82%, 100%
CMY	0.1176, 0.1843, 0.0000
CMYK	0.12, 0.18, 0.00, 0.00
HSL	262°, 100%, 91%
HSV	262°, 18%, 100%
XYZ	71.6572, 68.3393, 104.0218
YIQ	218.4410, -4.9550, 18.2210

Conversions

Conversions Part 2

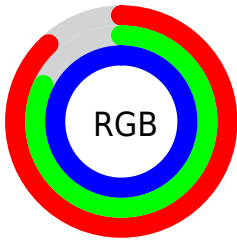
Format	Color
R _Y B	225, 208, 255
Decimal	14799103
CIE _{Lab}	86.18, 14.66, -20.81
CIE _{LCh}	86, 25.455, 305.152
Yxy	68.3393, 0.2937, 0.2801
Android (android.graphics.Color)	4292989183 (0xFFE1D0FF)
YUV	218.4410, 18.0236, 5.7522
Hunter-Lab	82.6676, 10.0575, -16.7381

Details

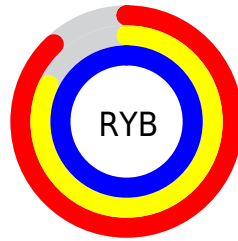
The XYZ color **71.6572, 68.3393, 104.0218** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.4066, 94.2519, 73.5269**, and the grayscale version is **66.8285, 70.3088, 76.5662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1108, 35.6234, 58.2934** is the 20% darker color. If you saturate the color by 10%, you get **61.0983, 54.3984, 101.8874**, and if you desaturate by 10%, it is **83.7031, 84.5341, 106.5128**.

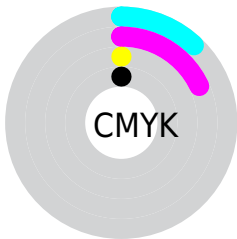
Distribution



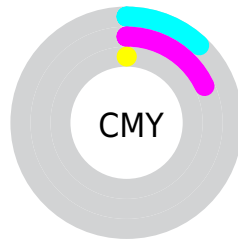
- Red (88%)
- Green (82%)
- Blue (100%)



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



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6572, 68.3393, 104.0218 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 71.6572, 68.3393, 104.0218 by changing the saturation by 10% instead.

71.6572, 68.3393,
104.0218

71.6572, 68.3393,
104.0218

455.5237,
454.6972, 594.3679

53.1632, 50.1738,
79.0280

120.5825,
116.8374, 168.7731

38.1610, 35.5515,
58.3974

151.7444,
147.9388, 209.3676

26.2855, 24.0880,
41.7114

187.8597,
184.1210, 255.9995

17.1711, 15.3989,
28.5515

229.2937,
225.7683, 309.0873

10.4526, 9.0998,
18.4991

276.4117,
273.2652, 369.0494

5.7646, 4.8064,
11.1358

329.5792,

2.7418, 2.1341,

326.9961, 436.3046

6.0429

389.1614,
387.3453, 511.2712

■ 1.0187, 0.6837,
2.8020

■ 0.0000, 0.0000,
0.9944

■ 71.6572, 68.3393,
104.0218

■ 71.6572, 68.3393,
104.0218

■ 61.0983, 54.3984,
101.8874

■ 83.7031, 84.5341,
106.5128

■ 51.9596, 42.6007,
100.0919

95.0500, 100.0000,
108.9000

■ 44.1774, 32.8386,
98.6178

■ 37.6805, 24.9917,
97.4456

■ 32.3905, 18.9264,
96.5537

■ 28.2195, 14.4910,
95.9175

■ 25.0652, 11.5072,
95.5078

■ 22.7905, 9.7283,
95.2843

■ 22.4865, 9.5071,
95.2576

Harmonies

Analogous

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



65.9711, 68.3393, 111.3806



71.6572, 68.3393, 104.0218



75.7201, 68.3393, 88.8039

Triad

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



71.6572, 68.3393, 104.0218



69.8031, 68.3393, 48.8101



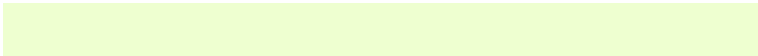
54.3704, 68.3393, 77.3442

Complementary

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



71.6572, 68.3393, 104.0218



82.4066, 94.2519, 73.5269

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.



55.2609, 68.3393, 61.6619



71.6572, 68.3393, 104.0218



63.9483, 68.3393, 46.6858

Square

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



71.6572, 68.3393, 104.0218



74.6053, 68.3393, 57.3407



58.6833, 68.3393, 51.0297



56.1740, 68.3393, 94.5690

Rectangle

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



71.6572, 68.3393, 104.0218



76.8357, 68.3393, 77.1693



58.6833, 68.3393, 51.0297



54.3658, 68.3393, 71.7170

Sweetspot

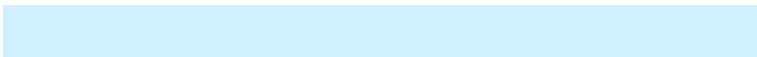
The Sweet Spot groups the original color and five complimentary colors.



71.6591, 68.3421, 104.0222



86.8596, 88.8182, 107.1734



74.7992, 82.1015, 106.5126



18.4080, 18.7613, 22.9010



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.



71.6591, 68.3421, 104.0222



67.7211, 63.1105, 103.2200



79.3010, 72.2816, 104.3799



17.6232, 17.6975, 22.7371



11.8979, 5.0441, 49.7811



1.2730, 0.5502, 4.8524

Inverse Universe

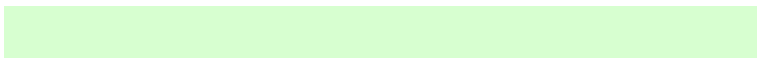
The Inverse Universe completely reimagines the original color for something new.



79.2301, 72.5474, 90.7182



76.5939, 68.0422, 87.4741



75.1860, 90.5296, 73.1889



18.4975, 18.1823, 21.2370



25.0665, 12.5159, 19.5325



2.4930, 1.2396, 2.1777

Previews

White Background



This preview shows how the XYZ color 71.6572, 68.3393, 104.0218 looks on a white background.

Color Contrast Check

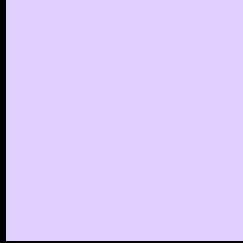
Large Text (above 18pt) WCAG AA × Fail

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 71.6572, 68.3393, 104.0218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

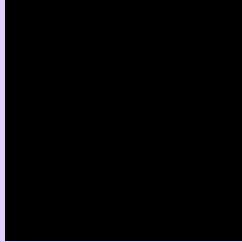
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6572, 68.3393, 104.0218

Background



This preview shows how black text looks on a background with the XYZ color 71.6572, 68.3393, 104.0218.

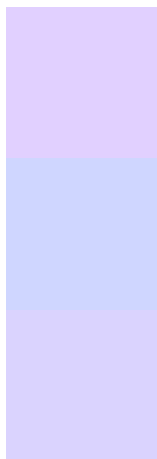


This preview shows how white text looks on a background with the XYZ color 71.6572, 68.3393,

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

71.6572, 68.3393, 104.0218

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

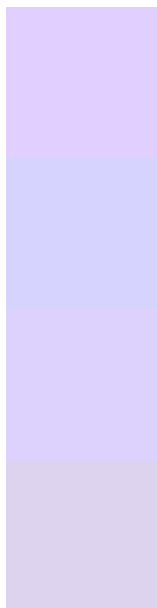
70.0971, 68.6497, 103.3221



Tritanopia

67.7559, 68.6178, 83.8022

Trichromacy



Original Color

71.6572, 68.3393, 104.0218

Protanomaly

69.3250, 68.6031, 104.1956

Deuteranomaly

70.7548, 68.6211, 103.2819

Tritanomaly

68.8511, 68.2912, 90.4416

Monochromacy



Original Color

71.6572, 68.3393, 104.0218

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2892, 69.2348, 85.3657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6572, 68.3393, 104.0218 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(225, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 208, 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(225, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.6572, 68.3393, 104.0218 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(225, 208, 255) }
```


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

```
.border{ border-color:rgb(225, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(225, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6572, 68.3393, 104.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 208, 255) }
```

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

```
.background{ background-color: rgb(225,  
208, 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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