

Converting Colors

XYZ(70.6693, 70.4198,
104.4754)

Have a look what the booklet for
XYZ(70.6693, 70.4198, 104.4754)
contains.

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Color

**XYZ(70.6693, 70.4198,
104.4754)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8D7FF |
| RGB | 216, 215, 255 |
| RGB Percent | 85%, 84%, 100% |
| CMY | 0.1529, 0.1568, 0.0000 |
| CMYK | 0.15, 0.16, 0.00, 0.00 |
| HSL | 241°, 100%, 92% |
| HSV | 241°, 16%, 100% |
| XYZ | 70.6693, 70.4198, 104.4754 |
| YIQ | 219.8590, -12.2440, 12.6520 |

Conversions

Conversions Part 2

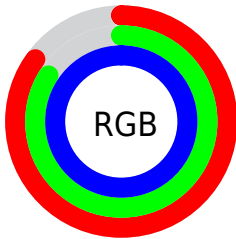
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 216, 215, 255 |
| Decimal | 14211071 |
| CIE Lab | 87.20, 8.13, -19.33 |
| CIE LCh | 87, 20.969, 292.813 |
| Yxy | 70.4198, 0.2878, 0.2868 |
| Android (android.graphics.Color) | 4292401151 (0xFFD8D7FF) |
| YUV | 219.8590, 17.3245, -3.3843 |
| Hunter-Lab | 83.9165, 3.4678, -15.0740 |

Details

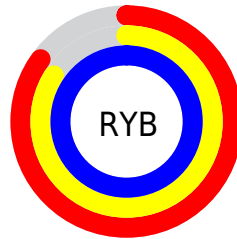
The XYZ color **70.6693, 70.4198, 104.4754** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.9004, 97.4979, 78.4267**, and the grayscale version is **67.8200, 71.3520, 77.7023**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4618, 36.7959, 58.5539** is the 20% darker color. If you saturate the color by 10%, you get **57.8770, 54.9271, 102.1593**, and if you desaturate by 10%, it is **85.5889, 88.5151, 107.1818**.

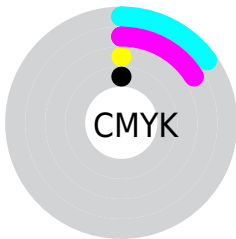
Distribution



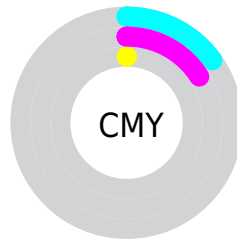
- Red (85%)
- Green (84%)
- Blue (100%)



- Red (85%)
- Yellow (84%)
- Blue (100%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6693, 70.4198, 104.4754 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 70.6693, 70.4198, 104.4754 by changing the saturation by 10% instead.

70.6693, 70.4198,
104.4754

70.6693, 70.4198,
104.4754

452.1264,
462.0226, 595.8167

52.3539, 51.8688,
79.4057

119.1838,
119.8072, 169.3992

37.5127, 36.9005,
58.7062

150.1136,
151.4125, 210.0905

25.7802, 25.1305,
41.9582

185.9790,
188.1380, 256.8260

16.7911, 16.1743,
28.7432

227.1453,
230.3681, 310.0244

10.1800, 9.6476,
18.6427

273.9778,
278.4872, 370.1041

5.5817, 5.1659,
11.2382

326.8419,

2.6306, 2.3449,

332.8797, 437.4837

6.1111

386.1030,
393.9301, 512.5817

■ 0.9616, 0.7973,
2.8429

■ 0.0000, 0.0000,
1.0150

■ 70.6693, 70.4198,
104.4754

■ 70.6693, 70.4198,
104.4754

■ 57.8770, 54.9271,
102.1593

■ 85.5889, 88.5151,
107.1818

■ 47.1098, 41.9093,
100.2141

95.0500, 100.0000,
108.9000

■ 38.2655, 31.2409,
98.6210

■ 31.2309, 22.7819,
97.3590

■ 25.8811, 16.3774,
96.4048

■ 22.0752, 11.8526,
95.7320

■ 19.6492, 9.0038,
95.3100

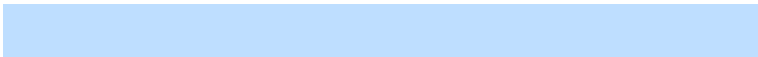
■ 18.4025, 7.5795,
95.1008

■ 18.1296, 7.2610,
95.0537

Harmonies

Analogous

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



65.7546, 70.4198, 106.8374



70.6693, 70.4198, 104.4754



74.7593, 70.4198, 94.2546

Triad

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



70.6693, 70.4198, 104.4754



72.8175, 70.4198, 57.0433



57.9733, 70.4198, 73.3334

Complementary

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



70.6693, 70.4198, 104.4754



88.9004, 97.4979, 78.4267

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.



59.6708, 70.4198, 61.4299



70.6693, 70.4198, 104.4754



68.1231, 70.4198, 52.8022

Square

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



70.6693, 70.4198, 104.4754



76.0414, 70.4198, 66.6378



63.3287, 70.4198, 54.3037



58.5806, 70.4198, 87.6731

Rectangle

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



70.6693, 70.4198, 104.4754



76.3879, 70.4198, 84.9677



63.3287, 70.4198, 54.3037



58.2904, 70.4198, 68.9406

Sweetspot

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



70.6713, 70.4226, 104.4759



86.6898, 89.8511, 107.3817



81.6235, 92.7632, 108.2108



18.3133, 18.9383, 22.9402



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.



70.6713, 70.4226, 104.4759



66.1985, 65.0028, 103.6655



76.8339, 73.5996, 104.7643



17.0449, 17.3994, 22.7100



9.4912, 3.8034, 49.6685



0.9382, 0.3776, 4.8367

Inverse Universe

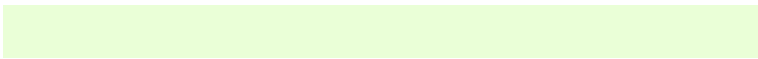
The Inverse Universe completely reimagines the original color for something new.



83.4315, 77.0193, 104.2370



81.3000, 72.8103, 103.3600



82.0684, 93.9759, 78.1069



18.7720, 18.2921, 22.6823



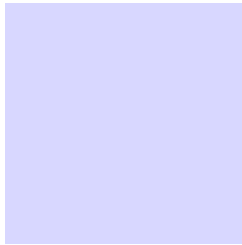
30.4629, 14.6744, 47.9495



2.9720, 1.4312, 4.7001

Previews

White Background



This preview shows how the XYZ color 70.6693, 70.4198, 104.4754 looks on a white background.

Color Contrast Check

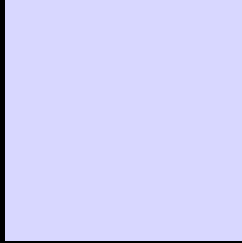
Large Text (above 18pt) WCAG AA × Fail

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 70.6693, 70.4198, 104.4754 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 70.6693, 70.4198, 104.4754

Background



This preview shows how black text looks on a background with the XYZ color 70.6693, 70.4198, 104.4754.



This preview shows how white text looks on a background with the XYZ color 70.6693, 70.4198,

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

70.6693, 70.4198, 104.4754

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

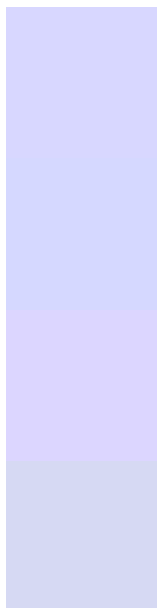
71.9685, 70.3381, 104.3912



Tritanopia

67.6523, 70.3451, 89.3692

Trichromacy



Original Color

70.6693, 70.4198, 104.4754

Protanomaly

70.0464, 70.4779, 104.5195

Deuteranomaly

71.6118, 70.5288, 104.4468

Tritanomaly

68.7221, 70.3929, 94.7592

Monochromacy



Original Color

70.6693, 70.4198, 104.4754

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9928, 71.0861, 87.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6693, 70.4198, 104.4754 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(216, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 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(216, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.6693, 70.4198, 104.4754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

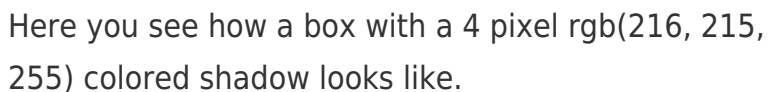
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 215, 255) }
```


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

```
.border{ border-color:rgb(216, 215, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6693, 70.4198, 104.4754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 255) }
```

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

```
.background{ background-color: rgb(216,  
215, 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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