

Converting Colors

XYZ(82.1948, 78.4287,
144.7580)

Have a look what the booklet for
XYZ(82.1948, 78.4287, 144.7580)
contains.

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Color

**XYZ(74.8691, 75.6833,
105.2701)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDFFF
RGB	223, 223, 255
RGB Percent	87%, 87%, 100%
CMY	0.1255, 0.1255, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	240°, 100%, 94%
HSV	240°, 13%, 100%
XYZ	74.8691, 75.6833, 105.2701
YIQ	226.6480, -10.2720, 9.9520

Conversions

Conversions Part 2

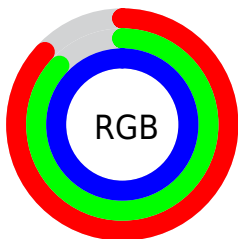
Format	Color
R_{YB}	223, 223, 255
Decimal	14671871
CIE _{Lab}	89.71, 6.11, -15.50
CIE _{LCh}	90, 16.663, 291.524
Yxy	75.6833, 0.2927, 0.2958
Android (android.graphics.Color)	4292861951 (0xFFDFDFFF)
YUV	226.6480, 13.9775, -3.1993
Hunter-Lab	86.9961, 1.3743, -10.8468

Details

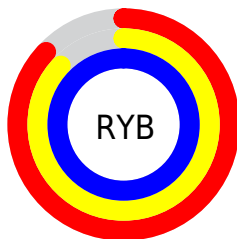
The XYZ color **74.8691, 75.6833, 105.2701** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.3187, 98.1061, 83.9897**, and the grayscale version is **72.6669, 76.4513, 83.2554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3441, 40.4073, 59.0991** is the 20% darker color. If you saturate the color by 10%, you get **61.2893, 59.3215, 102.8276**, and if you desaturate by 10%, it is **90.6620, 94.7128, 108.1107**.

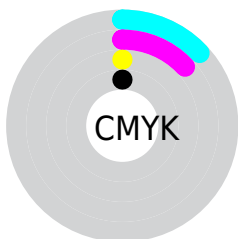
Distribution



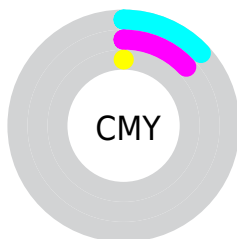
- Red (87%)
- Green (87%)
- Blue (100%)



- Red (87%)
- Yellow (87%)
- Blue (100%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8691, 75.6833, 105.2701 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 74.8691, 75.6833, 105.2701 by changing the saturation by 10% instead.

74.8691, 75.6833,
105.2701

74.8691, 75.6833,
105.2701

466.4716,
480.2629, 598.3506

55.7995, 56.1729,
80.0677

125.1159,
127.2791, 170.4957

40.2785, 40.3415,
59.2476

157.0239,
160.1333, 211.3559

27.9410, 27.8049,
42.3911

193.9419,
198.2042, 258.2726

18.4214, 18.1787,
29.0798

236.2355,
241.8762, 311.6642

11.3545, 11.0783,
18.8951

284.2698,
291.5336, 371.9492

6.3748, 6.1195,
11.4185

338.4104,

3.1171, 2.9179,

347.5610, 439.5463

6.2314

399.0226,
410.3426, 514.8739

■ 1.2160, 1.0890,
2.9152

■ 0.1189, 0.0000,
1.0515

■ 74.8691, 75.6833,
105.2701

■ 74.8691, 75.6833,
105.2701

■ 61.2893, 59.3215,
102.8276

■ 90.6620, 94.7128,
108.1107

■ 49.8181, 45.4995,
100.7643

95.0500, 100.0000,
108.9000

■ 40.3515, 34.0929,
99.0616

■ 32.7745, 24.9632,
97.6987

■ 26.9605, 17.9575,
96.6529

■ 22.7672, 12.9047,
95.8986

■ 20.0306, 9.6070,
95.4064

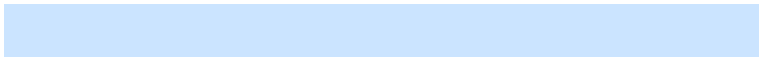
■ 18.5519, 7.8250,
95.1403

■ 18.0502, 7.2205,
95.0501

Harmonies

Analogous

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



70.7778, 75.6833, 106.8428



74.8691, 75.6833, 105.2701



78.2914, 75.6833, 97.2835

Triad

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



74.8691, 75.6833, 105.2701



76.9574, 75.6833, 65.9487



64.4081, 75.6833, 79.1196

Complementary

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



74.8691, 75.6833, 105.2701



90.3187, 98.1061, 83.9897

Split Complementary

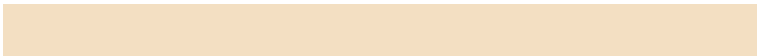
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.9318, 75.6833, 69.1288



74.8691, 75.6833, 105.2701



73.1042, 75.6833, 62.0124

Square

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



74.8691, 75.6833, 105.2701



79.5286, 75.6833, 74.3891



69.0780, 75.6833, 63.1186



64.8403, 75.6833, 90.9796

Rectangle

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



74.8691, 75.6833, 105.2701



79.6822, 75.6833, 89.7783



69.0780, 75.6833, 63.1186



64.7064, 75.6833, 75.4493

Sweetspot

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



74.8711, 75.6864, 105.2705



88.2286, 91.7809, 107.6731



84.1564, 94.3940, 107.9426



18.6188, 19.3246, 22.9987



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.



74.8711, 75.6864, 105.2705



71.3403, 71.4320, 104.6355



79.8555, 78.2548, 105.5036



17.0032, 17.3781, 22.7081



9.4317, 3.7730, 49.6657



0.9184, 0.3674, 4.8358

Inverse Universe

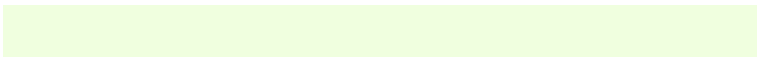
The Inverse Universe completely reimagines the original color for something new.



80.9482, 79.3646, 80.8680



78.4808, 75.7538, 75.9630



84.8569, 95.2917, 83.7344



18.0095, 17.9871, 18.6673



21.5489, 11.1088, 1.0089



2.0982, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 74.8691, 75.6833, 105.2701 looks on a white background.

Color Contrast Check

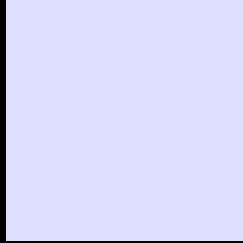
Large Text (above 18pt) WCAG AA × Fail

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 74.8691, 75.6833, 105.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

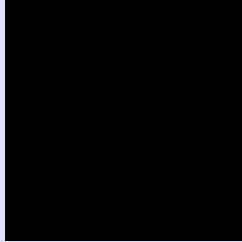
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8691, 75.6833, 105.2701

Background



This preview shows how black text looks on a background with the XYZ color 74.8691, 75.6833, 105.2701.

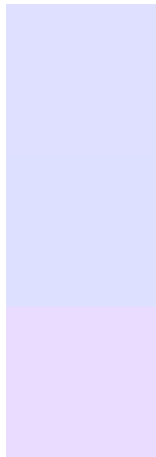


This preview shows how white text looks on a background with the XYZ color 74.8691, 75.6833,

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

74.8691, 75.6833, 105.2701

Protanopia

74.5244, 75.9035, 105.3307

Deuteranopia

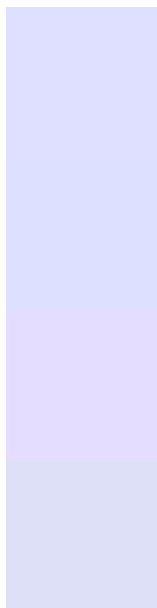
77.2475, 75.7300, 105.1537



Tritanopia

72.9217, 75.6936, 95.5610

Trichromacy



Original Color

74.8691, 75.6833, 105.2701

Protanomaly

74.8299, 76.0609, 105.3450

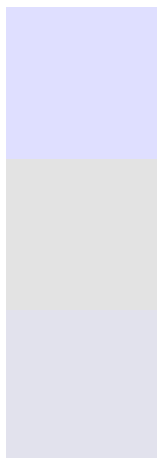
Deuteranomaly

76.2195, 75.5909, 105.1810

Tritanomaly

73.5684, 75.5563, 98.7020

Monochromacy



Original Color

74.8691, 75.6833, 105.2701

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8464, 76.6759, 91.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8691, 75.6833, 105.2701 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(223, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 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(223, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.8691, 75.6833, 105.2701 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(223, 223, 255) }
```


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

```
.border{ border-color:rgb(223, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8691, 75.6833, 105.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 255) }
```

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

```
.background{ background-color: rgb(223,  
223, 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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